

List of Patents

S.No	FileRefNo / CSIRRefNo	Title	Inventors	Countries	Filing Date	ApplicationNo	Granted Date	GrantedNo	LapsedDt	WithdrawnDt
1	PT-065 3157NF0000	A PROCESS FOR THE PREPARATION OF O-CARBAMOYL SALICYLATES	Ahmed Kamal P B Sattur G Thyagarajan	India	04/03/1982	0178/DEL/82	13/11/1987	158651	Lapsed	
				Spain	04/01/1983	518773	14/11/1983	518773	Lapsed	
				Russia	18/08/1982	3480214/04	01/01/1988	1454248	Lapsed	
				US	30/05/1984	06.615.238	-----	-----	Lapsed	
				Europe	04/03/1988	83301174.5	-----	90510	Lapsed	
2	PT-135 0238NF1997	A Novel Biocatalytic process for the stereoselective synthesis of s-propranolol and their related analogues	Ahmed Kamal M Venkateswara Rao	India	24/12/1998	3829/DEL/98	26/04/2004	191210	21/08/2014	
3	PT-165 NF-11/96	An efficient process for the synthesis of 4-aryl amino/alkylamino-4'-dimethyl podophyllo-toxins as potential anticancer agents	Ahmed Kamal N L Gayathri	India	27/03/1996	650/DEL/96	-----	-----	Lapsed	
4	PT-174 0155NF1996	A Novel biocatalytic process for the regio-selective preparation of 1,2-Azidoalchols and their related analogues	Ahmed Kamal Y Damayanthi M Venkateswara Rao	India	29/11/1996	2634/DEL/96	03/02/2006	194315	21/08/2014	
5	PT-184 0307NF1996	Synthesis of Epipodo phyllotoxin analogues with promising anti-cancer activity	Ahmed Kamal N L Gayathri	India	24/06/1997	1712/DEL/97	25/01/2002	186131	21/08/2014	

6	PT-185 0331NF1996	An Improved process for the preparation of amines from azides	Ahmed Kamal Y Damayanthi B Lakshmi Narayana B Satyanarayana Reddy	India	16/01/1998	108/DEL/98	11/10/2002	187308	21/08/2014	
7	PT-198 0249NF1997	A New and Improved process for the preparation of 4'-dimethyl epipodophyllotoxin key precursor for the anti cancer drugs such as etoposide and teniposide	Ahmed Kamal N Venugopal Rao	India	24/10/1997	3605DEL1997	07/06/2002	186737	21/08/2014	
8	PT-253 NF-230/99	A Process for the preparation of 1,8-naphthalimide linked pyrrolo(2,1-c)(1,4) benzodiazepine-5-one, analogues as potential antitumour antibiotics	Ahmed Kamal B Satyanarayana Reddy	India	09/03/2000	209/DEL/2000	-----	-----	-----	22/01/2018
9	PT-253A NF-411/99	A Process for the preparation of 1,8-naphthalimide linked pyrrolo(2,1-c)(1,4) benzodiazepine-5-one, analogues as potential antitumour antibiotics	Ahmed Kamal B Satyanarayana Reddy	India	09/03/2000	210/DEL/2000	14/11/2007	212061	03/01/2017	
10	PT-263 0296NF1999	An Improved Process for the preparation of 4'-Dimethyl epipodophyllotoxin key precursor for the anti cancer drugs such as etoposide and teniposide	Ahmed Kamal N Laxman G Ramesh	India	03/02/2000	92/DEL/2000	29/09/2005	192492	21/08/2014	
11	PT-264 0329NF1999	Facile and efficient one-pot process for the preparation of 4 beta-substituted epipodophyllotoxins synthesis of DNA topoisomerase II inhibitors (NPF and w-68)	Ahmed Kamal N Laxman G Ramesh	India	03/02/2000	84/DEL/2000	16/11/2004	191366	21/08/2014	

12	PT-291 NF-263/2000	A Process for the preparation of new pyrrolo [2,1-C][1,4] benzodiazepines as potential antitumour agents	Ahmed Kamal N C Laxman G Ramesh P Ramulu O Srinivas	India	30/01/2001	116/DEL/2001	28/02/2009	230908	-----	
				USA	30/03/2001	09/822782	26/03/2002	6362331	-----	
13	PT-291A NF-51/2001	A Process for the preparation of new pyrrolo [2,1-C][1,4] benzodiazepines as potential antitumour agents	Ahmed Kamal N C Laxman G Ramesh P Ramulu O Srinivas	India	30/01/2001	97/DEL/2001	-----	-----	-----	22/01/2018
14	PT-296 NF-317/2000	A Process for the synthesis of new podophyllotoxin dimers as potential DNA-topoisomerase II inhibitors	Ahmed Kamal E Laxman Md Arifudin G B Ramesh Khanna	India	29/03/2001	381/DEL/2001	14/10/2005	192516	03/01/2017	
				US	22/12/2000	09/747499	27/08/2002	6441198	03/01/2017	
15	PT-297 0318NF2000	A One-pot Process for the synthesis of new podophyllotoxin dimers as potential anticancer agents	Ahmed Kamal E Laxman P S Murali Mohan Reddy	India	10/11/2000	1006/DEL/2000	29/09/2005	192491	21/08/2014	
16	PT-300 0329NF2000	A chemoenzymatic process for the selective preparation of both R & S enantiomers of 3-hydroxy-3-phenyl propane nitrile	Ahmed Kamal G B Ramesh Khanna M Venkateswara Rao K V Raghavan	India	16/02/2001	167/DEL/2001	20/01/2006	192964	21/08/2014	14/09/2010
				Japan	19/09/2003	2002-558527	-----	-----	-----	
				Britain	25/07/2003	0317492.7	10/11/2004	GB 2387597	01/06/2011	
				PCT	31/01/2001	PCT/IN01/0008	-----	-----	-----	
17	PT-369 NF-233/2002	New 4 Beta-1"-[2,-(Substituted Benzoyl)Anilino] podophyllotoxin analogues useful as anti cancer agents	Ahmed Kamal P S Murali Mohan Reddy	India	22/07/2004	2135/DELNP/04	-----	-----	-----	-----
				US	31/03/2003	10/381027	08/08/2006	US 7087641	03/01/2017	
				Britain	25/03/2003	2718512.3	10/08/2005	GB 1377588	03/01/2017	
				Japan	13/03/2003	2003-580341	-----	-----	-----	

				Europe	25/03/2003	02718512.3	10/08/2005	EP 1377588	-----	-----
				PCT	28/03/2002	PCT/IN02/00091	-----	-----	-----	-----
				Japan	04/02/2009	2009-24314	-----	-----	-----	-----
				Switzerland	25/03/2003	02718512.3	10/08/2005	EP 1377588	03/01/2017	
				Spain	25/03/2003	02718512.3	10/08/2005	EP 1377588	26/07/2013	
				France	25/03/2003	02718512.3	10/08/2005	EP 1377588	26/07/2013	
				Germany	25/03/2003	02718512.3	10/08/2005	EP 1377588	26/07/2013	
				Italy	25/03/2003	02718512.3	10/08/2005	EP 1377588	26/07/2013	
18	PT-370 0234NF2002	One-Pot Chemoenzymatic process for the preparation of chiral secondary alcohols from carbonyl compounds by in -situ transesterification	Ahmed Kamal M S Sandbhor M Venkateswara Rao K Venkata Ramana	India	28/03/2002	399/DEL/02	12/01/2009	227502	21/08/2014	-
19	PT-381 379NF2002	New Pyrrolo[2,1-c][1,4] benzodiazepines useful as antitumour agents	Ahmed Kamal P S Murali Mohan Reddy D Rajasekhar Reddy	India	30/09/2004	2980/DELNP/04	05/03/2009	231500	-----	-----
				US	31/03/2003	10/401754	21/03/2006	US 7015215	-----	-----
				Europe	30/09/2005	03816507.2	05/11/2008	1608663	-----	-----
				Russia	28/10/2005	2005133442	21/11/2008	2338747	-----	-----
				PCT	31/03/2003	PCT/Ib03/01164	-----	-----	-----	-----
				Australia	30/09/2005	2003215810	18/06/2009	2003-215810	-----	-----

				Canada	30/09/2005	2520897	24/08/2010	2520897	-----	-----
				Germany	30/09/2005	60324607.9-08	05/11/2008	1608663	-----	-----
				France	30/09/2005	03816507.2	05/11/2008	1608663	-----	-----
				Britain	30/09/2005	03816507.2	05/11/2008	1608663	-----	-----
20	PT-387 436NF2002	New Non-Cross-Linking pyrrollo [2,1-c][1,4] Benzodiazepines useful as potential anti cancer agents	Ahmed Kamal G Ramesh O Srinivas P Ramulu	India	20/10/2004	3250/DELNP/04	02/07/2009	235418	-----	-----
				US	31/03/2003	10/401782	26/04/2005	US 6884799	-----	-----
				Europe	30/09/2005	03816509.8	28/01/2009	1608664	-----	-----
				Australia	30/09/2005	2003215821	23/04/2009	AU 2003215821	-----	-----
				Canada	30/09/2005	2520898	20/10/2009	CA 2520898	-----	-----
				Russia	31/10/2005	2005133443	10/01/2008	RU 2314309	-----	-----
				France	30/09/2005	03816509.8	28/01/2009	1608664	-----	-----
				Germany	30/09/2005	03816509.8	28/01/2009	1608664	-----	-----
				Britain	30/09/2005	03816509.8	28/01/2009	1608664	-----	-----
21	PT-389 0450NF2002	A Chemoenzymatic process for the stereoselective preparation of both R and S enantiomers of 3-Hydroxy-x(2-theienyl) propanenitrile	Ahmed Kamal G B Ramesh Khanna R Ramu M Venkateswara Rao	India	27/03/2003	497/DEL/03	31/03/2009	233618	21/08/2014	
				US	20/03/2003	10/393406	16/05/2006	7045341	21/08/2014	
				PCT	16/12/2002	PCT/IB02/05508	-----	-----	-----	
				Japan	16/06/2005	2004-559953	-----	-----	-----	-----
				Europe	21/06/2005	02781684.2	15/04/2009	1573018	-----	-----

				Germany	21/06/2005	02781684.2	15/04/2009	1573018	26/07/2013	
				France	21/06/2005	02781684.2	15/04/2009	1573018	26/07/2013	
				Britain	21/06/2005	02781684.2	15/04/2009	1573018	21/08/2014	
22	PT-418 NF-152/03	New Pyrimidine linked pyrrolo[2,1-c][1,4] benzodiazepines as potential antitumour agents	Ahmed Kamal K Laxma Reddy	India	29/05/2003	747/DEL/03	18/08/2010	242189	-----	-----
				US	25/03/2003	10/396103	27/01/2004	US 6683073	-----	-----
				PCT	31/03/2003	PCT/IN03/00122	-----	-----	-----	-----
23	PT-420 150NF2003	Pyrene-Linked pyrrolo [2,1-c][1,4] benzodiazepine hybrids as anti-cancer agents	Ahmed Kamal G Ramesh P Ramulu O Srinivas	India	27/03/2003	456/DEL/03	16/03/2009	232387	-----	-----
				US	25/03/2003	10/396129	05/10/2004	US 6800622	-----	-----
				Europe	24/10/2005	03719078.2	02/06/2010	1608650	-----	-----
				Canada	30/09/2005	2520901	08/09/2009	CA 2520901	-----	-----
				PCT	31/03/2003	PCT/IN03/00102	-----	-----	-----	-----
				Britain	24/10/2005	03719078.2	02/06/2010	1608650	-----	-----
				Germany	24/10/2005	03719078.2	02/06/2010	1608650	-----	-----
				France	24/10/2005	03719078.2	02/06/2010	1608650	-----	-----
24	PT-427 NF-333/03	C8-Linked pyrrolo[2,1-C][1,4] Benzodiazepine-Acridone/Acridine Hybrids as anti -tumour agents	Ahmed Kamal O Srinivas P Ramulu G Ramesh P Praveen Kumar	India	28/03/2005	01267DELNP2005	-----	-----	03/01/2017	
				US	30/03/2007	10/812841	06/06/2006	US 7056913	03/01/2017	
				Britain	25/07/2006	0614754.0	11/06/2008	GB 2424884	03/01/2017	
				Japan	29/06/2006	2005-512763	08/04/2011	4718328	03/01/2017	

				PCT	31/12/2003	PCT/IN03/00464	-----	-----	-----	-
25	PT-431 NF-435/03	Novel C2-fluoropyrrolo[2,1-c][1,4] benzo diazepine dimers useful as anticancer agents	Ahmed Kamal P S Murali Mohan Reddy D Rajasekhar Reddy	India	28/03/2005	01270DELNP2005	-----	-----	03/01/2017	
				US	31/12/2003	10/812840	13/03/2007	7189710	03/01/2017	
				PCT	31/12/2003	PCT/IN03/00448	-----	-----	-----	-----
				Britain	25/07/2006	0614749	09/07/2008	GB 2425309	03/01/2017	-----
				Japan	29/06/2006	2005-512747	30/09/2011	4833663	03/01/2017	-----
26	PT-432 NF-437/03	Substituted benzimidazoles linked to pyrrolo [2,1-C][1,4] benzodiazepines as anticancer agents	Ahmed Kamal P Ramulu O Srinivas	India	12/08/2005	3821/DELNP/05	-----	-----	03/01/2017	-----
				US	30/03/2004	10/812842	04/10/2005	6951853	03/01/2017	-----
				PCT	31/12/2003	PCT/IN03/00462	-----	-----	-----	-----
				Britain	25/07/2006	0614750.8	22/10/2008	GB 2424883	03/01/2017	-----
				Japan	29/06/2006	2005-512761	28/05/2010	4520411	03/01/2017	-----
27	PT-456 NF-245/04	New Pyrrolo[2,1-C][1,4] benzodiazepine -anthraquinone conjugates useful as antitumour agents	Ahmed Kamal R Ramu G B Ramesh Khanna	India	30/07/2004	1423DEL2004	22/02/2013	255437	03/01/2017	-----
				US	30/07/2004	11/024240	06/02/2007	7173026	03/01/2017	-----
				PCT	30/07/2004	PCT/IN04/00212	-----	-----	-----	-----
				Britain	25/05/2007	0710111.6	-----	-----	-----	-----
				Japan	26/06/2007	2007-547794	-----	-----	-----	-----

28	PT-457 NF-269/04	New Pyrro[2,1-C][1,4] benzodiazepine-nepthalimide conjugates linked through piperazine moiety useful as potential antitumour agents	Ahmed Kamal R Ramu G B Ramesh Khanna	India	30/06/2004	1218/DEL/04	19/11/2013	257917	03/01/2017	-----
				US	30/06/2004	10/881729	27/12/2005	US 6979684	03/01/2017	-----
				PCT	30/06/2004	PCT/IN04/00191	-----	-----	-----	-----
				Europe	29/09/2006	04745134.9	03/08/2011	1761537	-----	-----
				Japan	18/10/2006	2007-509062	03/12/2010	4638485	03/01/2017	-----
				France	29/09/2006	04745134.9	03/08/2011	1761537	03/01/2017	-----
				Britain	29/09/2006	04745134.9	03/08/2011	1761537	03/01/2017	-----
				Germany	29/09/2006	04745134.9	03/08/2011	1761537	03/01/2017	-----
29	PT-458 NF-322/04	A Chemoenzymatic process for the stereoselective preparation of (R)-gama-amino-beta-hydroxybutyric acid [(R)-GABOB] and (R) carnitine	Ahmed Kamal G B Ramesh Khanna T Krishnaji R Ramu	India	15/04/2005	963/DEL/05	26/10/2016	276587	03/01/2017	-----
				US	15/10/2007	11/911643	19/10/2010	7816119	03/01/2017	-----
				PCT	29/11/2005	PCT/IN05/00387	-----	-----	-----	-----
				Europe	29/11/2005	05824669.5	06/01/2010	1869199	-----	-----
				Germany	29/11/2005	05824669.5	06/01/2010	1869199	03/01/2017	-----
				France	29/11/2005	05824669.5	06/01/2010	1869199	03/01/2017	-----
				Britain	29/11/2005	05824669.5	06/01/2010	1869199	03/01/2017	-----
30	PT-471 NF-469/04	An Enantioconvergent chemoenzymatic synthesis of (R)-gamma-amino-beta-hydroxybutyric acid((R)-GABOB)	Ahmed Kamal G B Ramesh Khanna T Krishnaji R Ramu	India	30/03/2005	802/DEL/2005	27/06/2011	248183	03/01/2017	-----
				US	23/12/2004	11/022275	20/05/2008	US 7374926	03/01/2017	-----
				PCT	02/12/2005	PCT/IN05/00398	-----	-----	-----	-----

				Japan	11/10/2006	2007507932	14/05/2010	4510879	03/01/2017	-----
				Europe	16/10/2007	05824261.1	29/04/2009	EP 1833977	-----	-----
				Switzerland	16/10/2007	05824261.1	29/04/2009	1833977	03/01/2017	-----
				Germany	16/10/2007	05824261.1	29/04/2009	1833977	03/01/2017	-----
				France	16/10/2007	05824261.1	29/04/2009	1833977	03/01/2017	-----
				Britain	16/10/2007	05824261.1	29/04/2009	1833977	03/01/2017	-----
31	PT-481 NF-205/05	Process for production of Brassylic acid from tridecane microbial oxidation	Ahmed Kamal G Sheelu N W Fadnavis	India	26/12/2005	3487/DEL/05	-----	-----	03/01/2017	-----
				PCT	30/12/2005	PCT/IN05/000459	-----	WO/2007/00459	-----	-----
				Canada	12/06/2008	2633020	15/04/2014	2633020	03/01/2017	-----
				China	26/06/2008	200580052425.6	23/11/2011	ZL200580052425.6	03/01/2017	-----
				Japan	30/12/2005	2008-548080	25/05/2012	5001953	03/01/2017	-----
				US	30/12/2005	12/096091	26/02/2013	8383373	03/01/2017	-----
32	PT-483 NF-334/05	Coumarin linked pyrrolo[2,1-c]1[1,4] benzodiazepine hybrids as potential anticancer agents	Ahmed Kamal A Hari Babu A Venkata Ramana E Vijaya Bharathi	India	10/11/2005	3013/DEL/05	21/09/2012	254119	03/01/2017	-----
				US	03/03/2006	11/367223	25/12/2007	US 7312210	03/01/2017	-----
				PCT	27/12/2005	PCT/IN05/00442	-----	-----	-----	-----
				Britain	23/04/2008	0807429.6	27/05/2009	GB 2446080	03/01/2017	-----
				Germany	08/05/2008	112005003752.5	-----	-----	03/01/2017	-----
				Japan	12/05/2008	2008-539617	07/12/2012	5149193	03/01/2017	-----

33	PT-484 NF-361/05	New Bis-pyrrolo[2,1-c][1,4] benzodiazepine anthraquinone conjugates useful as potential antitumour agents	Ahmed Kamal R Ramu G B Ramesh Khanna	India	13/02/2006	383/DEL/06	09/10/2012	254250	22/01/2018	-----
				US	12/02/2007	11/705660	16/12/2008	US 7465724	22/01/2018	-----
				PCT	12/02/2007	PCT/IB07/00320	-----	-----	-----	-----
				Germany	06/09/2008	112007000079.1	-----	-----	-----	22/01/2018
				Japan	07/07/2008	2008-553851	-----	-----	-----	22/01/2018
				Britain	12/02/2007	0807702.6	22/12/2010	2453402	22/01/2018	-----
34	PT-487 0039NF2006	C2-Difluoro pyrrolo[2,1-C][1,4] benzodiazepine dimers	Ahmed Kamal D Rajasekhar Reddy Rajender	India	10/03/2006	669/DEL/06	31/08/2015	268512	22/01/2018	-----
				PCT	26/02/2007	PCT/IB07/00448	-----	-----	-----	-----
				US	07/03/2007	11/715592	13/01/2009	US 7476664	22/01/2018	-----
				Canada	10/09/2008	2645350	09/09/2014	2645350	22/01/2018	-----
				Europe	26/02/2007	07705647.1	22/12/2010	2001894	22/01/2018	-----
				Germany	26/02/2007	07705647.1	22/12/2010	2001894	22/01/2018	-----
				France	26/02/2007	07705647.1	22/12/2010	2001894	22/01/2018	-----
				Britain	26/02/2007	07705647.1	22/12/2010	2001894	22/01/2018	-----
35	PT-496 NF-141/06	Quinazolinone linked pyrrolo [2,1-c][1,4] benzodiazepine hybrids as potential anticancer agents	Ahmed Kamal A V Ramana A Hari Babu	India	08/08/2006	1882/DEL/06	24/08/2012	253782	22/01/2018	-----
				PCT	10/08/2007	PCT/IN07/00337	-----	-----	-----	-----
				US	14/08/2007	11/893380	27/10/2009	US 7608615	22/01/2018	-----
				Britain	10/03/2009	0904091.6	26/10/2011	GB2454629	22/01/2018	-----

36	PT-497 NF-143/06	Synthesis and biological evaluation of benzophenone linked pyrrolo[2,1-c][1,4] benzodiazepine hybrids as potential anti cancer agents	Ahmed Kamal B Rajendra Prasad	India	08/08/2006	1823/DEL/06	09/05/2014	260578	22/01/2018	-----
				US	13/08/2007	11/893101	05/05/2009	US 7528128	22/01/2018	-----
				PCT	10/08/2007	PCT/IN07/00336	-----	-----	-----	-----
				Canada	13/02/2009	2660799	19/03/2013	2660799	22/01/2018	-----
				Europe	06/03/2009	07805640.5	15/01/2014	2061795	-----	-----
				Britain	06/03/2009	07805640.5	15/01/2014	2061795	22/01/2018	-----
				Germany	06/03/2009	602007034825.0	15/01/2014	2061795	22/01/2018	-----
				France	06/03/2009	07805640.5	15/01/2014	2061795	22/01/2018	-----
37	PT-498 149NF2006	New - 4 beta-[4"-(1"-3"-substituted benzothiazole-2"-yl) anilino podophyllotoxin analogues as antitumour agents	Ahmed Kamal B Ashwini Kumar	India	03/05/2007	953/DEL/07	05/01/2018	291453	22/01/2018	-----
				US	30/04/2008	12/112637	16/06/2011	7960418	22/01/2018	-----
				PCT	23/04/2008	PCT/IN08/00256	-----	-----	-----	-----
				Japan	02/11/2009	2010-505015	06/09/2013	5355550	22/01/2018	-----
				Britain	23/04/2008	0919517.3	16/11/2011	GB 2461667	22/01/2018	-----
38	PT-505 NF-227/06	Synthesis and biological evaluation of anthranilic acid hybrids as potential anti cancer agents	Ahmed Kamal B Rajendra Prasad	India	19/03/2007	594/DEL/07	20/07/2017	285450	22/01/2018	-----
				PCT	13/03/2008	PCT/IN08/00143	-----	WO/2008/114275	-----	-----
				US	05/01/2009	12/307570	13/11/2012	8309726	22/01/2018	-----
				Japan	27/01/2009	2009-554128	07/06/2013	5284291	22/01/2018	-----
				Europe	13/03/2008	08720162.0	19/01/2011	2150527	-----	-----

				Germany	13/03/2008	08720162.0	19/01/2011	2150527	22/01/2018	-----
				France	13/03/2008	08720162.0	19/01/2011	2150527	22/01/2018	-----
				Britain	13/03/2008	08720162.0	19/01/2011	2150527	22/01/2018	-----
39	PT-506 228NF2006	Synthesis and biological evaluation of benzophenone hybrids as potential anticancer agents	Ahmed Kamal B Rajendra Prasad	India	30/03/2007	698/DEL/07	-----	-----	-----	22/01/2018
				PCT	26/03/2008	PCT/IN08/00192	-----	WO/2008/120235	-----	-----
				Japan	28/09/2009	2010-500443	02/05/2013	5260627	22/01/2018	-----
				US	30/09/2009	12/594102	12/03/2013	8394954	22/01/2018	-----
				Europe	15/10/2009	08738388.1	16/10/2013	2142506	-----	-----
				Canada	29/09/2009	2682384	10/05/2016	2682384	22/01/2018	-----
				Germany	15/10/2009	08738388.1	16/10/2013	2142506	22/01/2018	-----
				Britain	15/10/2009	08738388.1	16/10/2013	2142506	22/01/2018	-----
				France	15/10/2009	08738388.1	16/10/2013	2142506	22/01/2018	-----
40	PT-509 NF-303/06	Novel Benzothiazole and benzoxazole linked pyrrolo [2,1-c][1,4] benzodiazepine hybrids as potential antitumour agents and process for the preparation thereof	Ahmed Kamal K Srinivasa Reddy M Naseer Ahmed Khan Rajesh V C R N C Shetti	India	14/02/2007	277/DEL/07	22/08/2015	268235	22/01/2018	-----
				PCT	31/12/2007	PCT/IN07/00619	-----	-----	-----	-----
				US	12/08/2009	12/526914	22/11/2011	8063204	22/01/2018	-----
				Britain	04/09/2009	0915454.3	14/09/2011	GB2459808	22/01/2018	-----
41	PT-510 0023NF2007	Pyrrolo [2,1-C][1,4] Benzodiazepine glycoside prodrugs with potential for selective cancer therapy	Ahmed Kamal J Venkatesh	India	01/08/2007	1626/DEL/07	16/09/2014	262806	22/01/2018	-----
				US	16/01/2008	12/015023	13/07/2010	7754694	22/01/2018	-----

				PCT	26/10/2007	PCT/IN07/00510	-----	-----	-----	-----
				Japan	01/02/2010	2010-618816	08/11/2013	5404624	22/01/2018	-----
				Europe	25/02/2010	07827604.5	01/02/2012	2188297	-----	-----
				Britain	25/02/2010	07827604.5	01/02/2012	2188297	22/01/2018	-----
				France	25/02/2010	07827604.5	01/02/2012	2188297	22/01/2018	-----
42	PT-518 172NF2007	Novel Napthalimide-benzimidazole hybrids as potential anticancer agents and process for the preparation thereof	Ahmed Kamal P Praveen Kumar	India	05/03/2008	517/DEL/08	23/05/2017	283471	22/01/2018	-----
				PCT	03/03/2009	PCT/IN2009/000141	-----	WO/2009/110000	-----	-----
				Japan	31/07/2009	-----	-----	-----	-----	22/01/2018
				US	03/09/2010	12/920911	16/10/2012	8288387	22/01/2018	-----
				Britain	10/09/2010	1015043.1	22/02/2012	GB2469980	22/01/2018	-----
43	PT-520 0014NF2008	Quinazoline linked pyrrolo[2,1-C][1,4] benzodiazepine hybrids as potential anticancer agents and process for the preparation thereof	Ahmed Kamal B Rajendra Prasad A Malla Reddy	India	05/03/2008	518/DEL/08	-----	-----	-----	-----
				PCT	31/10/2008	PCT/IN08/000712	-----	WO/2009/109986	-----	-----
				US	02/09/2010	12/920654	10/04/2012	8153627	-----	-----
				Japan	03/09/2010	2010-549255	05/12/2014	5657395	-----	-----
				Europe	31/10/2008	08873110.4	24/07/2013	2265613	-----	-----
				Britain	31/10/2008	08873110.4	24/07/2013	2265613	-----	-----
				France	31/10/2008	08873110.4	24/07/2013	2265613	-----	-----

				Germany	31/10/2008	08873110.4	24/07/2013	2265613	-----	-----
44	PT-521 0012NF2008	Benzophenone-piperazine linked pyrrolo[2,1-c][1,4] benzodiazepine hybrids as potential anticancer agents and process for the preparation thereof	Ahmed Kamal B Rajendra Prasad A Malla Reddy	India	26/03/2008	787/DEL/08	28/02/2017	280843	-----	-----
				PCT	31/10/2008	PCT/IN08/000714	-----	-----	-----	-----
				Europe	09/09/2010	8873530.3	-----	-----	-----	-----
				Japan	24/09/2010	-----	-----	-----	-----	21/10/2011
45	PT-522 0013NF2008	Chalcone linked pyrrolo[2,1-C][1,4] benzodiazepine hybrids as potential anticancer agents and process for the preparation thereof	Ahmed Kamal B Rajendra Prasad A Malla Reddy	India	05/03/2008	537/DEL/08	15/10/2018	302219	-----	-----
				PCT	31/10/2008	PCT/IN08/000721	-----	-----	-----	-----
				Europe	01/10/2010	08873071.8	04/12/2013	2260039	-----	-----
				US	03/09/2010	12/921016	11/06/2013	8461150	-----	-----
				Germany	01/10/2010	08873071.8	04/12/2013	2260039	-----	-----
				Britain	01/10/2010	08873071.8	04/12/2013	2260039	-----	-----
46	PT-526 0027NF2008	Novel benzimidazole linked pyrrolo [2,1-C][1,4] benzodiazepine hybrids as potential anticancer agents and process for the preparation thereof	Ahmed Kamal P Praveen Kumar B N Seshadri K Sreekanth	India	11/03/2008	603/DEL/08	12/06/2017	284153	-----	-----
				PCT	31/10/2008	PCT/IN08/000718	-----	WO/2009/113085	-----	-----
				Europe	09/09/2010	8873307.6	05/08/2015	2257547	-----	-----
				US	25/04/2011	12/921594	16/09/2014	8835421	-----	-----
				Germany	09/09/2010	8873307.6	05/08/2015	2257547	-----	-----
				Britain	09/09/2010	8873307.6	05/08/2015	2257547	-----	-----

				France	09/09/2010	8873307.6	05/08/2015	2257547	-----	-----
47	PT-527 0026NF2008	Novel phenanthrylphenol linked pyrrole [2,1-C][1,4] benzodiazepine hybrids as potential antitumour agents and process for the preparation there of	Ahmed Kamal K Sreekanth P Praveen Kumar G Balakishan	India	11/03/2008	602/DEL/2008	31/03/2017	282164	-----	-----
				PCT	12/03/2009	PCT/IN2009/000168	-----	WO/2009/113109	-----	-----
				US	10/09/2010	12/922123	10/07/2012	8217167	-----	-----
				Europe	11/10/2010	09719087	05/10/2011	2294070	-----	-----
				Germany	11/10/2010	09719087	05/10/2011	2294070	-----	-----
				Britain	11/10/2010	09719087	05/10/2011	2294070	-----	-----
				France	11/10/2010	09719087	05/10/2011	2294070	-----	-----
48	PT-528 0038NF2008	C2-Fluoro substituted piperazine linked pyrrolo [2,1-C][1,4] benzodiazepine dimers and a process for the preparation thereof	Ahmed Kamal Rajender M Kashi Reddy G Balakishan	India	11/03/2008	608/DEL/2008	14/12/2016	278139	-----	-----
				PCT	31/10/2008	PCT/IN08/000715	-----	WO/2009/113084	-----	-----
				US	10/09/2010	12/921841	26/02/2013	8383618	-----	-----
				Europe	31/10/2008	08873240.9	05/12/2012	2271647	-----	-----
				Germany	31/10/2008	08873240.9	05/12/2012	2271647	-----	-----
				France	31/10/2008	08873240.9	05/12/2012	2271647	-----	-----
				Britain	31/10/2008	08873240.9	05/12/2012	2271647	-----	-----
49	PT-529 0037NF2008	Isoxazoline linked pyrrolo[2,1-C][1,4] bezodiazepine hybrids as potential anticancer agents and the process for the preparation thereof	Ahmed Kamal J Surendranadha Reddy	India	26/03/2008	785/DEL/08	13/06/2017	284169	-----	-----
				PCT	31/10/2008	PCT/IN08/000713	-----	WO/2009/118748	-----	-----

			D Dastagiri E Vijaya Bharathi	US Europe Germany France Britain	24/09/2010 29/09/2010 29/09/2010 29/09/2010 29/09/2010	12/934594 08873662.4 08873662.4 08873662.4 08873662.4	12/02/2013 12/02/2013 12/02/2013 12/02/2013 12/02/2013	8372831 2271648 2271648 2271648 2271648	----- ----- ----- ----- -----	----- ----- ----- ----- -----
50	PT-530 0045NF2008	Quinazolinone linked pyrrolo [2,1-C][1,4] benzodiazepine hybrids as potential anticancer agents and process for the preparation thereof	Ahmed Kamal E Vijaya Bharathi D Dastagiri J Surendranadha Reddy A Viswanath	India PCT US Europe Britain France Germany	19/11/2008 13/07/2009 18/05/2011 19/05/2011 19/05/2011 19/05/2011 19/05/2011	2598/DEL/08 PCT/IN2009/000400 13/129995 9787601.5 9787601.5 9787601.5 9787601.5	30/08/2016 ----- 08/04/2014 19/06/2013 19/06/2013 19/06/2013 19/06/2013	275269 ----- 8691811 2350085 2350085 2350085 2350085	----- ----- ----- ----- ----- ----- -----	----- ----- ----- ----- ----- ----- -----
51	PT-531 0056NF2008	Cinnamide-pyrrolo [2,1-C][1,4] benzodiazepines as potential anticancer agents and process for the preparation thereof	Ahmed Kamal G Balakishan G Rama Krishna K Sreekanth Rajender	India PCT US Europe	07/11/2008 27/02/2009 06/05/2011 09/05/2011	2540/DEL/08 PCT/IN2009/000128 13/128112 9787572.8	11/07/2017 ----- 13/05/2014- -----	285045 WO/2010/052732 8722665 -----	----- ----- ----- -----	----- ----- ----- -----
52	PT-532 0067NF2008	Synthesis and in vitro anticancer activity of new pyrrolo[2,1-C][1,4] benzodiazepine derivatives with	Ahmed Kamal K Sreekanth P Praveen	India PCT	19/11/2008 24/03/2009	2600/DEL/08 PCT/IN2009/000193	29/08/2018 -----	300470 WO/2010/058414	----- -----	----- -----

		dithiocarbamate side chains and process for the preparation thereof	Kumar G Balakishan	Europe	18/05/2011	9787581.9	01/10/2014	2358719	-----	-----
				US	01/01/2012	13/129935	26/11/2013	8592407	-----	-----
				Britain	18/05/2011	9787581.9	01/10/2014	2358719	-----	-----
				France	18/05/2011	9787581.9	01/10/2014	2358719	-----	-----
				Germany	18/05/2011	9787581.9	01/10/2014	2358719	-----	-----
53	PT-533 0068NF2008	Novel 4 beta-polyarylamine podophyllotoxin analogues as potential anticancer agents	Ahmed Kamal B Ashwini Kumar P Suresh	India	07/11/2008	2535/DEL/08	05/04/2017	282325	-----	-----
				PCT	24/03/2009	PCT/IN2009/000194	-----	WO/2010/052733	-----	-----
				US	04/05/2011	13/127572	15/01/2013	8354547	-----	-----
				Europe	05/05/2011	09787582.7	30/01/2013	2346876	-----	-----
				France	05/05/2011	09787582.7	30/01/2013	2346876	-----	-----
				Germany	05/05/2011	09787582.7	30/01/2013	2346876	-----	-----
				Britain	05/05/2011	09787582.7	30/01/2013	2346876	-----	-----
54	PT-534 0066NF2008	Isoxazole/isoxazoline / combretastatin linked dihydroquinazolinone hybrids a potential anticancer agents and process for the preparation thereof	Ahmed Kamal E Vijaya Bharathi J Surendranadha Reddy D Dastagiri A Viswanath	India	19/11/2008	2602/DEL/08	16/08/2018	300026	-----	-----
				PCT	08/08/2009	PCT/IN2009/000490	-----	WO/2010/058417	-----	-----
				US	02/01/2012	13/129974	11/11/2014	8883809	-----	-----
				Europe	19/05/2011	09749198.9	20/04/2016	2350030	-----	-----
				Germany	19/04/2011	09749198.9	20/04/2016	2350030	-----	-----
				France	19/05/2011	09749198.9	20/04/2016	2350030	-----	-----

				Britain	19/05/2011	09749198.9	20/04/2016	2350030	-----	-----
55	PT-544 NF-218/08	Microbial process preparation of Acrylic acid from Acrylonitrile	Ahmed Kamal G Sheelu M A Azhar M Shivakumar T B Shaik C Ganesh Kumar R K Jain D Prakash	India	24/03/2009	565/DEL/2009	22/06/2016	273667	-----	-----
56	PT-552 0039NF2009	Imidazothiazole-chalcone hybrids as potential anticancer agents and process for the preparation thereof	Ahmed Kamal D Dastagiri J Surendranadha Reddy E Vijaya Bharathi	India	13/10/2009	2121/DEL/09	-----	-----	-----	-----
				PCT	07/10/2010	PCT/IB2010/002544	-----	WO/2011/045646	-----	-----
				US	12/07/2012	13/502944	23/12/2014	8916711	-----	-----
				Europe	01/05/2012	10776415.1	23/07/2014	2488533	-----	-----
				Germany	01/05/2012	10776415.1	23/07/2014	2488533	-----	-----
				Britain	01/05/2012	10776415.1	23/07/2014	2488533	-----	-----
57	PT-555 NF-46/09	Chalcone linked imidazolones as potential anticancer agents and process for the preparation thereof	Ahmed Kamal G Rama Krishna G Balakishan P Raju A Viswanath M Bala Krishna	India	12/01/2010	68/DEL/2010	05/01/2018	291423	-----	-----
				PCT	14/12/2010	PCT/IB2010/003224	-----	WO/2011/086412	-----	-----
				US	10/07/2012	13/514697	18/11/2014	8889874	-----	-----
				Britain	05/06/2012	10814652.3	15/10/2014	2523941	-----	-----
				Germany	05/06/2012	10814652.3	15/10/2014	2523941	-----	-----

				Europe	05/06/2012	10814652.3	15/10/2014	2523941	-----	-----
58	PT-558 76NF2009	Carbazole linked pyrrolo [2,1-c][1,4] benzodiazepine hybrids as potential anticancer agents and process for the preparation thereof	Ahmed Kamal Rajesh V C R N C Shetti K Srinivasa Reddy A Malla Reddy	India	22/03/2010	0678/Del/2010	-----	-----	-----	-----
				PCT	03/12/2010	PCT/IB2010/003087	-----	WO/2011/117668	-----	-----
				US	22/12/2011	13/129465	06/01/2015	8927538	-----	-----
				Europe	05/10/2011	10807542.5	01/05/2013	2403855	-----	-----
				Germany	05/10/2011	10807542.5	01/05/2013	2403855	-----	-----
				Britain	05/10/2011	10807542.5	01/05/2013	2403855	-----	-----
				France	05/10/2011	10807542.5	01/05/2013	2403855	-----	-----
59	PT-559 0075NF2009	Pyrrolo[2,1-c][1,4] benzodiazepine conjugates linked through piperazine moiety as potential antitumour agent and process for the preparation thereof	Ahmed Kamal Rajesh V C R N C Shetti K Srinivasa Reddy A Malla Reddy P Swapna	India	22/03/2010	0683/Del/2010	-----	-----	-----	-----
				PCT	18/03/2011	PCT/IN2011/000181	-----	WO/2011/117882	-----	-----
				Europe	12/07/2012	11720592.2	12/03/2014	2550275	-----	-----
				US	18/06/2012	13/525555	28/01/2014	8637665	-----	-----
				Britain	12/07/2012	11720592.2	12/03/2014	2550275	-----	-----
				France	12/07/2012	11720592.2	12/03/2014	2550275	-----	-----
				Germany	12/07/2012	11720592.2	12/03/2014	2550275	-----	-----
60	PT-567 0073NF2010	Novel Thiolactomycin based congeners as potential anti-tubercular agents.	Ahmed Kamal Shaik Azeeza Ahmed Ali Shaik	India	06/05/2010	1069/DEL/2010	28/07/2017	285763	-----	-----
				PCT	06/05/2011	PCT/IB2011/000962	-----	WO/2011/138666	-----	-----

			M Shaheer Malik	Europe	18/01/2012	11725801.2	14/05/2014	2566863	-----	-----
			Inshad Ali Khan	US	10/04/2013	13/643133	21/07/2015	9085557	-----	-----
			S T Abdullah Sandeep	Germany	18/01/2012	11725801.2	14/05/2014	2566863	-----	-----
			Sharma	France	18/01/2012	11725801.2	14/05/2014	2566863	-----	-----
			Anshu Benlah	Britain	18/01/2012	11725801.2	14/05/2014	2566863	-----	-----
61	PT-572 0124NF2010	Synthesis of new 4beta-acrylamidopodophyllotoxin congeners as antitumour antibiotics and the process for preparation thereof	Ahmed Kamal	India	11/11/2010	2697/DEL/2010	28/02/2018	293591	-----	-----
			P Suresh	PCT	09/03/2011	PCT/IN2011/000157	-----	-----	-----	-----
			B Ashwini Kumar	US	07/05/2013	13/883938	18/03/2014	8673969	-----	-----
			A Malla Reddy	Europe	22/03/2013	11719895.2	16/07/2014	2638047	-----	-----
			P Venkat Reddy	Britain	22/03/2013	11719895.2	16/07/2014	2638047	-----	-----
				France	22/03/2013	11719895.2	16/07/2014	2638047	-----	-----
				Germany	22/03/2013	11719895.2	16/07/2014	2638047	-----	-----
62	PT-573 123NF2010	Biological evaluation of 4-aza-2,3-didehydropodophyllotoxin analogues possessing potent antitumour activity	Ahmed Kamal	India	13/12/2010	2887/DEL/2010	-----	-----	-----	-----
			P Suresh	PCT	25/03/2011	PCT/IB2011/00641	-----	-----	-----	-----
			B Ashwini Kumar	EP	28/06/2012	11719638.6	27/07/2016	EP2649078	-----	-----
			A Malla Reddy	US	13/07/2012	13/522219	06/01/2015	8927560	-----	-----
			P Venkat Reddy	GB	28/06/2012	11719638.6	27/07/2016	2649078	-----	-----
			Jaki Rasheed Tamboli	France	28/06/2012	11719638.6	27/07/2016	2649078	-----	-----

				Germany	28/06/2012	11719638.6	27/07/2016	2649078	-----	-----
63	PT-574 0145NF2010	2-Anilino nicotinyl linked 2-amino benzothiazole conjugates as potential anticancer agents, apoptosis inducers and the process thereof	Ahmed Kamal Y V V Srikanth M N Ahmed Khan M Ashraf I Sehar G Chashoo P R Sharma A Hamid Dar Shashi Bhushan S K Singh D M Mondhe A K Saxena	India PCT US Europe	14/02/2011 30/03/2011 14/08/2013 14/08/2013	0373/DEL/2011 PCT/IN2011/000217 13/985417 11724298.2	----- ----- 12/05/2015 -----	----- ----- 9029553 -----	----- ----- ----- -----	----- ----- ----- -----
64	PT-575 0144NF2010	Pyrrolo[2,1-c][1,4] benzodiazepine linked imidazo[1,5-a]pyridine conjugates as potential antitumour agents and process for the preparation thereof	Ahmed Kamal G Rama Krishna P Raju A V Subba Rao A Viswanath G Balakishan	India PCT Britain Germany Japan US Europe	06/12/2010 23/03/2011 23/11/2011 23/11/2011 29/11/2011 06/06/2012 23/11/2011	2890/DEL/2010 PCT/IB2011/000614 11719636 11719636 2013-541435 13/514270 11719636	07/05/2018 ----- 22/07/2015 22/07/2015 27/05/2016 27/08/2013 22/07/2015	296587 ----- 2648757 2648757 5941058 8519123 2648757	----- ----- ----- ----- ----- ----- -----	----- ----- ----- ----- ----- ----- -----
65	PT-576 0146NF2010	Benzylidineanthracenone linked pyrrolobenzodiazepine hybrids useful as anti cancer agents and the process for preparation thereof	Ahmed Kamal A Malla Reddy P Suresh Rajesh V C R N C Shetti	India US	06/12/2010 15/03/2011	2886/DEL/2010 13/048248	07/12/2017 27/11/2012	290366 8318726	----- -----	----- -----

66	PT-577 0143NF2010	Synthesis of new benzothiazole derivatives as potential anti-tubercular agents	Ahmed Kamal	India	14/09/2010	2179/DEL/2010	25/05/2018	297106	-----	-----
			Rajesh V C R N C Shetti	USA	14/09/2011	13/232407	01/03/2016	9273039	-----	-----
			P Swapna Shaik Azeeza A Malla Reddy Inshad Ali Khan Sheikh Tasduq Abdullah Sandeep Sharma Nitin Pal Kalia	US	01/03/2016	15/057718	24/04/2018	9949970	-----	-----
67	PT-577A 0148NF2011	Benzothiazole compounds and process for the preparation thereof	Ahmed Kamal Rajesh V C R N C Shetti Swapna Ponnampalli Shaik Azeeza Malla Reddy A Inshad Ali Khan Sheikh Tasduq Abdullah Sandeep Sharma Nitin Pal Kalia	India	06/01/2012	0055DEL2012	-----	-----	-----	-----
68	PT-578 0156NF2010	Amidobenzothiazole analogues useful as potential anticancer agents and process for the preparation thereof	Ahmed Kamal	India	04/02/2011	0266/DEL/2011	-----	-----	-----	-----
			A Malla Reddy P Suresh N Sankara Rao Rajesh V C R N C Shetti	PCT	21/03/2011	PCT/IN2011/000187	-----	-----	-----	-----
				Europe	28/08/2013	11720336.4	30/12/2015	2670740	-----	-----
				Germany	28/08/2013	11720336.4	30/12/2015	2670740	-----	-----
		France	28/08/2013	11720336.4	30/12/2015	2670740	-----	-----		

				US	02/08/2013	13/958231	11/08/2015	9102638	-----	-----
				Britain	28/08/2013	11720336.4	30/12/2015	2670740	-----	-----
69	PT-579 0159NF2010	Benzothiazole hybrids useful as potential anticancer agents and process for the preparation thereof	Ahmed Kamal A Malla Reddy P Suresh Rajesh V C R N C Shetti Harish Chandra Pal Ajit Kumar Saxena	India	02/02/2011	0270/DEL/2011	-----	-----	-----	-----
				US	02/08/2013	13/958147	30/12/2014	8921552	-----	-----
				Britain	22/08/2012	12707390.6	01/04/2015	2670739	-----	-----
				Germany	22/08/2012	12707390.6	01/04/2015	2670739	-----	-----
				France	22/08/2012	12707390.6	01/04/2015	2670739	-----	-----
				PCT	03/02/2012	PCT/IN2012/000081	-----	-----	-----	-----
				Europe	22/08/2012	12707390.6	01/04/2015	2670739	-----	-----
70	PT-582 0003NF2011	Pyrrolo[2,1-c][1,4]naphthodiazepine linked substituted piperazine conjugates as potential antitumour agents and process for the preparation thereof	Ahmed Kamal J N S C Murty A Viswanath	India	14/02/2011	0368/DEL/2011	27/06/2018	298164	-----	-----
				US	14/08/2013	13/985510	24/06/2014	8759339	-----	-----
				Germany	12/08/2013	112012000807.3	04/01/2018	112012000807	-----	-----
				Britain	20/05/2013	1309036.0	21/02/2018	2499154	-----	-----
				WO	10/01/2012	PCT/IN12/000026	-----	-----	-----	-----
71	PT-583 0004NF2011	Diaryl ether linked pyrrolo[2,1-c][1,4]benzodiazepine hybrids as potential anticancer agents and process for the preparation thereof	Ahmed Kamal A Viswanath J N S C Murty E Vijaya Bharathi G Rama	India	15/02/2011	0390/DEL/2011	-----	-----	-----	-----
				PCT	30/03/2011	PCT/IB2011/000670	-----	-----	-----	-----
				Europe	13/09/2011	11720171.5	04/03/2015	2536726	-----	-----

			Krishna Farheen Sultana	US	14/09/2011	13/256601	19/08/2014	8809321	-----	-----
				Britain	13/09/2011	11720171.5	04/03/2015	2536726	-----	-----
				France	13/09/2011	11720171.5	04/03/2015	2536726	-----	-----
				Germany	13/09/2011	11720171.5	04/03/2015	2536726	-----	-----
72	PT-584 0026NF2011	2-Phenyl benzothiazole linked imidazole compounds as potential anticancer agents	Ahmed Kamal C Ratna Reddy S Prabhakar	India	15/02/2011	0392/DEL/2011	07/12/2017	290369	-----	-----
				US	12/11/2012	13/696549	17/11/2015	9187467	-----	-----
				Britain	15/02/2012	12709964.6	21/05/2014	2556072	-----	-----
				Germany	15/02/2012	12709964.6	21/05/2014	2556072	-----	-----
				PCT	15/02/2012	PCT/IB2012/050678	-----	-----	-----	-----
				Europe	15/02/2012	12709964.6	21/05/2014	2556072	-----	-----
73	PT-585 0027NF2011	3-Arylethynyl substituted quinazolinone compounds useful as potential anticancer agents	Ahmed Kamal Farheen Sultana E Vijaya Bharathi Y V V Srikanth A Viswanath P Swapna	India	15/02/2011	0391/DEL/2011	16/08/2018	300011	-----	-----
				PCT	31/03/2011	PCT/IN2011/000228	-----	-----	-----	-----
				US	07/08/2013	13/984218	25/03/2014	8680272	-----	-----
				Japan	09/08/2013	2013-553069	06/11/2015	5831997	-----	-----
				Britain	20/05/2013	1309029.5	21/02/2018	2501403	-----	-----
74	PT-587 0075NF2011	A highly enantioselective epoxide hydrolase from achromobacter	Ahmed Kamal Rohini Khanna C Ganesh Kumar Anver Basha	India	26/08/2011	2417DEL2011	-----	-----	-----	-----
				PCT	27/08/2012	PCT/IN2012/000569	-----	-----	-----	-----
				US	21/08/2013	14/000730	06/10/2015	9150840	-----	-----

			Shaik M Shivakumar	Europe	27/08/2012	12772135.5	-----	-----	-----	-----
75	PT-589 0120NF2011	Phenyl nitrofurfuryl linked piperidino-oxadiazolone conjugates as antitubercular agents and process for the preparation there of	Ahmed Kamal A Viswanath J N S Chandra Murthy Farheen Sultana G Rama Krishna Inshad Ali Khan Nitin Pal Kalia	India US Germany Britain PCT	20/12/2011 20/06/2014 20/06/2014 30/05/2014 18/12/2012	3731DEL2011 14/367602 112012005325.7 1409713.3 PCT/IN2012/000827	----- 18/08/2015 ----- 13/06/2018 -----	----- 9108960 ----- 2511240 -----	----- ----- ----- ----- -----	----- ----- ----- ----- -----
76	PT-598 0045NF2012	2-Anilinicotinyl based chalcone and pyrazoline derivatives useful as potential anti cancer agents and process for the preparation there of	Ahmed Kamal M Ashraf Shaik Faazil Bagwan Y V V Srikanth S M A Hussaini A Malla Reddy	India US	04/10/2013 25/02/2014	2958DEL2013 14/189766	----- 14/04/2015	----- 9006451	----- -----	----- -----
77	PT-612 0010NF2013	Synthesis and biological evaluation of pyrazolochalcone derivatives as potential anticancer agents	Ahmed Kamal Shaik Anver Basha Bharath Kumar G Santhosh Reddy V C Ganesh Kumar	India US PCT EP Japan	30/08/2013 29/02/2016 16/12/2013 22/03/2016 26/02/2016	2568DEL2013 14/915460 PCT/IN2013/000770 13831914.0 2016-537604	----- 28/03/2017 ----- 12/09/2018 18/05/2018	----- 9604933 ----- 3039013 6338667	----- ----- ----- ----- -----	----- ----- ----- ----- -----
78	PT-613 0021NF2013	Synthesis and biological evaluation of 3-(4-ethynyl phenyl) pyrido-pyrimidinone compounds as potential anticancer agents	Ahmed Kamal Ranjita Nayak Farheen Sultana	India US Canada	19/08/2013 18/02/2016 18/02/2016	2443DEL2013 14/912755 2921807	----- 10/10/2017 -----	----- 9783537 -----	----- ----- -----	----- ----- -----

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				Japan	18/02/2016	2016-535552	-----	-----	-----	-----
79	PT-620 0152NF2013	N-((1-Benzyl-1H-1,2,3-triazol-4-yl)methyl)arylamide derivatives as potential anticancer agents and process for the preparation there of	Ahmed Kamal N Venkata Subba Reddy B Prasad V Lakshma Nayak V Saida Reddy	India US	16/12/2013 12/12/2014	3665DEL2013 14/569173	----- 12/04/2016	----- 9309225	-----	-----
80	PT-622 0214NF2013	Pyrazole linked benzimidazole conjugates as potential cancer agents	Ahmed Kamal Shaik Anver Basha Bharath Kumar G Santhosh Reddy V	India US Europe	15/05/2014 12/05/2015 11/05/2015	1295DEL2014 14/709663 15167182.3	----- 24/04/2018	----- 9951049	-----	-----
81	PT-628 0015NF2014	Synthesis and biological evaluation of 3,4,5-trimethoxy styrylarylamino Propenone as potential anticancer agents.	Ahmed Kamal Bharath Kumar G Shaik Anver Basha Santhosh Reddy V R Mahesh	India US EP France Germany Britain	09/05/2014 17/04/2015 05/05/2015 05/05/2015 05/05/2015 05/05/2015	1255DEL2014 14/689742 15166361.4 15166361.4 15166361.4 15166361.4	----- 08/11/2016 28/03/2018 28/03/2018 28/03/2018 28/03/2018	----- 9487482 2942345 2942345 2942345 2942345	-----	-----
82	PT-631 0081NF2014	N-((3,4,5 - Trimethoxystyryl)aryl) cinnamamide derivatives as potential anticancer agents	Ahmed Kamal Shaik Bajee C Ratna Reddy M Shaheer	India US	20/08/2014 17/02/2017	2355/DEL/2014 15/504985	----- 30/01/2018	----- 9878977	-----	-----

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83	PT-632 0100NF2014	3-[4-(1H-Benzo[d]imidazol-2-yl)phenyl]-5-phenyl-1,2,4-oxadiazole derivatives useful as potential anticancer agents and process for the preparation thereof.	Ahmed Kamal T Srinivasa Reddy V Srinivasulu A Venkata Subbarao N Shankaraiah M V P S Vishnuvardhan	India US Europe	07/07/2014 07/07/2015 07/07/2015	1846DEL2014 14/793553 15175764.8	----- 20/12/2016 14/12/2016	----- 9522907 2966073	----- ----- -----	----- ----- -----
84	PT-635 0195NF2014	Synthesis and Biological evaluation of (Z)-3,4,5 - Trimethoxystyryl - benzene sulfonamides as potential anti cancer agents	Ahmed Kamal R Mahesh C Ratna Reddy Bharath Kumar G Visweswara Sastry Shaik Anver Basha V Santosh Reddy	India US PCT EP Japan	29/10/2014 28/04/2017 27/10/2015 15/05/2017 30/03/2017	3076DEL2014 15/523205 PCT/IN2015/050148 15808035.8 2017-517275	----- ----- ----- ----- -----	----- ----- ----- ----- -----	----- ----- ----- ----- -----	----- ----- ----- ----- -----
85	PT-649 0272NF2015	Synthesis of N-((1-phenyl-9H-pyrido[3,4-b]indo1-3-yl)methyl)cinnamamides as potential Anticancer Agents.	Ahmed Kamal Manda Sathish Narayana Nagesh Nagula Shankaraiah Sabanis Chetan Dushantrao Namballa Hari Krishna	India US EP PCT	22/01/2016 20/07/2018 23/07/2018 20/01/2017	201611002389 16/071687 17714569.5 PCT/IN2017/050031	----- ----- ----- -----	----- ----- ----- -----	----- ----- ----- -----	----- ----- ----- -----

86	PT-650 0281NF2015	Synthesis and Biological Evaluation of (E)-4-(4-Acrylamidophenoxy)-N-Methylpicolinamide Conjugates as Potential Anticancer Agents.	Ahmed Kamal	India	20/01/2016	201611002015	-----	-----	-----	-----
			Velma Ganga Reddy	US	19/07/2018	16/071105	-----	-----	-----	-----
			Syed Riyaz Korrapati	EP	02/08/2018	17707967.0	-----	-----	-----	-----
			Suresh Babu Yedla Poornachandra Rao Chitylal Ganesh Kumar	WO	04/01/2017	PCT/IN2017/050004	-----	-----	-----	-----
87	PT-657 0012NF2016	Synthesis and Biological Evaluation of 4- \hat{A} -Amidotriazole linked Podophyllotoxin derivatives as Potential Anticancer Agents	Ahmed Kamal	India	11/03/2016	201611008486	-----	-----	-----	-----
			Velma Ganga Reddy	US	11/09/2018	16/084162	-----	-----	-----	-----
			Ayinampudi Venkata Subba Rao	EP	11/10/2018	17725781.3	-----	-----	-----	-----
			Syed Riyaz V Lakshma Nayak Shaik Taj	WO	10/03/2017	PCT/IN2017/050088	-----	-----	-----	-----
Indian Patents : 87 Abroad Patents : 345 ----- Total Patents : 432 Patents Granted : 306										