

Supplementary data file: New drugs launched in the UK and degree of innovativeness by year, 2001 to 2012.

Year	Drug name	Brand name	Degree of innovation*
2001	Alemtuzumab	MabCampath	3
2001	Almotriptan (as hydrogen malate)	Almogran	1
2001	Amprenavir	Agenerase	1
2001	Botulinum B toxin	NeuroBloc	1
2001	Capecitabine	Xeloda	2
2001	Darbepoetin alfa	Aranesp	1
2001	Deferiprone	Ferriprox	1
2001	Desloratadine	Neoclarityn	1
2001	Esomeprazole (as magnesium trihydrate)	Nexium	1
2001	Galantamine (as hydrobromide)	Reminyl	1
2001	Ganirelix	Orgalutran	1
2001	Glatiramer acetate	Copaxone	3
2001	Levetiracetam	Keppra	3
2001	Linezolid	Zyvox	3
2001	Lopinavir and ritonavir	Kaletra	2
2001	Lornoxicam	Xefo	1
2001	Nateglinide	Starlix	1
2001	Pioglitazone (as hydrochloride)	Actos	1
2001	Porfimer sodium	Photofrin	3
2001	Rasburicase	Fasturtec	2
2001	Sibutramine hydrochloride	Reductil	2
2001	Sirolimus	Rapamune	2
2001	Tegafur and uracil	Uftoral	1
2001	Tenecteplase	Metalyse	1
2001	Trastuzumab	Herceptin	3
2001	Tropium chloride	Regurin	1
2001	Zoledronic acid	Zometa	1
2002	Artemether and lumefantrine	Riamet	2
2002	Bexarotene	Targretin	3
2002	Bimatoprost	Lumigan	1
2002	Biphasic insulin aspart (recombinant human insulin analogue), insulin aspart and insulin aspart protamine	NovoMix 30	1
2002	Bosentan (as monohydrate)	Tracleer	3
2002	Caspofungin (as acetate)	Cancidas	3
2002	Choriogonadotropin alfa	Ovitrelle	1
2002	Cilostazol	Pletal	3
2002	Drospirenone and ethinylestradiol	Yasmin	1
2002	Eletriptan (as hydrobromide)	Relpax	1
2002	Escitalopram (as oxalate)	Ciprallex	1
2002	Etoricoxib	Arcoxia	1

2002	Fondaparinux sodium	Arixtra	2
2002	Ibandronic acid	Bondronat	1
2002	Imatinib (as mesilate)	Glivec	3
2002	Insulin glargine (recombinant human insulin analogue)	Lantus	2
2002	Levocetirizine dihydrochloride	Xyzal	1
2002	Lutropin alfa	Luveris	2
2002	Omega-3-acid ethyl esters (containing eicosapentaenoic acid and docosahexaenoic acid) and alpha-tocopherol	Omacor	1
2002	Parecoxib (as sodium salt)	Dynastat	1
2002	Peginterferon alfa-2a	Pegasys	1
2002	Protein C concentrate	Ceprothin	1
2002	Telithromycin	Ketek	1
2002	Tenofovir disoproxil (as fumarate)	Viread	3
2002	Travoprost	Travatan	1
2002	Valganciclovir (as hydrochloride)	Valcyte	1
2003	Adefovir dipivoxil	Hepsera	2
2003	Carglumic acid	Carbaglu	3
2003	Drotecogin alfa (activated)	Xigris	2
2003	Dutasteride	Avodart	1
2003	Ertapenem (as sodium salt)	Invanz	1
2003	Ezetimibe	Ezetrol	3
2003	Frovatriptan (as succinate)	Migard	1
2003	Memantine hydrochloride	Ebixa	3
2003	Moxifloxacin (as hydrochloride)	Avelox	1
2003	Olmesartan medoxomil	Olmetec	1
2003	Olopatadine (as hydrochloride)	Opatanol	1
2003	Oseltamivir (as phosphate)	Tamiflu	1
2003	Pegfilgrastim	Neulasta	1
2003	Pimecrolimus	Elidel	1
2003	Rosuvastatin (as calcium salt)	Crestor	1
2003	Tadalafil	Cialis	1
2003	Temoporfin	Foscan	1
2003	Valdecoxib	Bextra	1
2003	Vardenafil (as hydrochloride trihydrate)	Levitra	1
2003	Voriconazole	Vfend	1
2004	Adalimumab	Humira	1
2004	Aprepitant	Emend	3
2004	Aripiprazole	Abilify	2
2004	Atazanavir (as sulphate)	Reyataz	1
2004	Atomoxetine (as hydrochloride)	Strattera	2
2004	Bemiparin sodium	Zibor	1
2004	Bortezomib (as mannitol boronic ester)	Velcade	3
2004	Cetuximab	Erbitux	3
2004	Dolasetron mesilate	Anzemet	1
2004	Emtricitabine	Emtriva	1

2004	Enfuvirtide	Fuzeon	3
2004	Epinastine hydrochloride	Relestat	1
2004	Fulvestrant	Faslodex	2
2004	Insulin detemir (recombinant human insulin analogue)	Levemir	1
2004	Miglustat	Zavesca	3
2004	Pegvisomant	Somavert	2
2004	Teriparatide	Foresteo	2
2004	Thyrotropin alfa	Thyrogen	2
2004	Triptorelin (as acetate)	Gonapeptyl Depot	1
2005	Anagrelide (as hydrochloride)	Xagrid	3
2005	Arsenic trioxide	Trisenox	3
2005	Bevacizumab	Avastin	3
2005	Bivalirudin	Angiox	3
2005	Ciclesonide	Alvesco	1
2005	Cinacalcet (as hydrochloride)	Mimpara	3
2005	Dexibuprofen	Seractil	1
2005	Duloxetine (as hydrochloride)	Cymbalta	1
2005	Duloxetine hydrochloride	Yentreve	3
2005	Efalizumab	Raptiva	3
2005	Eflornithine (as hydrochloride)	Vaniqa	3
2005	Eplenerone	Inspra	1
2005	Fluprednidine acetate and miconazole nitrate	Acorvio Plus	1
2005	Fosamprenavir (as calcium)	Telzir	1
2005	High Purity Factor VIII and von Willbrand factor concentrate	Optivate	1
2005	Palonosetron (as hydrochloride)	Aloxi	1
2005	Paracalcitol	Zemplar	1
2005	Pemetrexed (as disodium)	Alimta	2
2005	Pregabalin	Lyrica	1
2005	Rasagiline (as mesilate)	Azilect	1
2005	Solifenacin succinate	Vesicare	1
2005	Strontium ranelate	Protelos	3
2005	Zonisamide	Zonegran	2
2006	Carbetocin	Pabal	1
2006	Clofarabine	Evoltra	1
2006	Daptomycin	Cubicin	2
2006	Entecavir (as monohydrate)	Baraclude	1
2006	Erlotinib (as hydrochloride)	Tarceva	2
2006	Insulin glulisine (recombinant human insulin analogue)	Apidra	1
2006	Ivabradine (as hydrochloride)	Procoralan	3
2006	Linseed extract (containing polysaccharides) w dipotassium buffer and preservatives	Salinum	1
2006	Lumiracoxib	Prexige	1
2006	Mitotane	Lysodren	3

2006	Omalizumab	Xolair	3
2006	Parathyroid hormone (rdna) and diluent	Preotact	1
2006	Pegaptanib (as sodium salt)	Macugen	3
2006	Posaconazole	Noxafil	1
2006	Rimonabant	Acomplia	3
2006	Rotigotine	Neupro	1
2006	Tigecycline	Tygacil	2
2006	Tipranavir	Aptivus	1
2007	Abatacept	Orencia	3
2007	Alglucosidase alfa	Myozyme	3
2007	Darifenacin (as hydrobromide)	Emselex	1
2007	Darunavir (as ethanolate)	Prezista	1
2007	Dasatinib (as monohydrate)	Sprycel	1
2007	Deferasirox	Exjade	1
2007	Dexrazoxane (as hydrochloride)	Savene	2
2007	Erdosteine	Erdotin	1
2007	Exenatide	Byetta	3
2007	Galsulfase	Naglazyme	3
2007	Idursulfase	Elaprase	3
2007	Lanthanum (as carbonate hydrate)	Fosrenol	1
2007	Lenalidomide	Revlimid	2
2007	Natalizumab	Tysabri	3
2007	Paliperidone	Invega	1
2007	Ranibizumab	Lucentis	1
2007	Sitagliptin (as phosphate)	Januvia	3
2007	Sitaxentan sodium	Thelin	2
2007	Sorafenib (as tosylate)	Nexavar	2
2007	Sunitinib (as malate)	Sutent	2
2007	Telbivudine	Sebivo	1
2007	Urokinase	Syner-KINASE	1
2007	Varenicline (as tartrate)	Champix	2
2008	Aliskiren	Rasilez	3
2008	Anidulafungin	Ecalta	1
2008	Antithrombin alfa	Atryn	1
2008	Betaine (anhydrous)	Cystadane	1
2008	Colesevelam hydrochloride	Cholestagel	1
2008	Dabigatran etexilate (as mesilate)	Pradaxa	2
2008	Dried prombothin complex	Beriplex	1
2008	Epoetin delta	Dynepo	1
2008	Epoetin zeta	Retacrit	1
2008	Fesoterodine fumarate	Toviaz	1
2008	Fosaprepitant (as dimeglumine)	Ivemend	1
2008	Lapatinib	Tyverb	2
2008	Loteprednole etabonate	Lotemax	1

2008	Maraviroc	Celsentri	3
2008	Mecasermin	Increlex	2
2008	Melatonin	Circadin	1
2008	Methoxy polyethylene glycol-epoetin beta	Mircera	1
2008	Micafungin (as sodium)	Mycamine	1
2008	Nelarabine	Atriance	1
2008	Nilotinib (as hydrochloride monohydrate)	Tasigna	1
2008	Panitumumab	Vectibix	1
2008	Raltegravir (as potassium)	Isentress	3
2008	Retapamulin	Altargo	3
2008	Rufinamide	Inovelon	2
2008	Stiripentol	Diacomit	2
2008	Trabectedin	Yondelis	3
2008	Vildagliptin	Galvus	1
2009	Agomelatine	Valdoxan	3
2009	Alitretinoin	Toctino	2
2009	Ambrisentan	Volibris	1
2009	Azacididine	Vidaza	3
2009	C1-esterase inhibitor	Berinert	3
2009	Degarelix (as acetate)	Firmagon	3
2009	Doripenem (as monohydrate)	Doribax	1
2009	Etravirine	Intelence	1
2009	Fluticasone furoate	Avamys	1
2009	Histrelin (as acetate)	Vantas	1
2009	Icatibant (as acetate)	Firazyr	2
2009	Lacosamide	Vimpat	2
2009	Methylnaltrexone bromide	Relistor	2
2009	Nepafenac	Nevanac	1
2009	Prasugrel (as hydrochloride)	Efient	1
2009	Rabbit anti-human thymocyte immunoglobulin	Thymoglobuline	1
2009	Ranolazine	Ranexa	3
2009	Rivaroxaban	Xarelto	3
2009	Sapropterin dihydrochloride	Kuvan	3
2009	Sugammadex (as sodium salt)	Bridion	3
2009	Temsirolimus	Torisel	3
2009	Ustekinumab	Stelara	3
2010	Amifampridine (as phosphate)	Firdapse	1
2010	Aztreonam (as lysine)	Cayston powder	2
2010	Canakinumab	Ilaris	3
2010	Certolizumab pegol	Cimzia	1
2010	Corifollitropin alfa	Elonva	1
2010	Denosumab	Prolia	3
2010	Doxycycline (as monohydrate)	Efracea	1
2010	Dronedarone (as hydrochloride)	Multaq	2

2010	Eltrombopag (as olamine)	Revolade	2
2010	Eslicarbazepine acetate	Zebinix	1
2010	Everolimus	Afinitor	2
2010	Febuxostat	Adenuric	2
2010	Gefitinib	Iressa	3
2010	Histamine dihydrochloride	Ceplene	2
2010	Hydroxypropyl guar	Systane	1
2010	Liraglutide	Victoza	1
2010	Mifamurtide	Mepact	3
2010	Nicotinic acid and laropiprant	Tredaptive	1
2010	Ofatumumab	Arzerra	1
2010	Plerixafor	Mozobil	3
2010	Prucalopride (as succinate)	Resolor	3
2010	Romiplostim	Nplate	3
2010	Rupatadine (as fumarate)	Rupafin	1
2010	Saxagliptin (as hydrochloride)	Onglyza	1
2010	Tafluprost	Saflutan	1
2010	Tocilizumab	RoActemra	3
2010	Tolvaptan	Samsca	2
2010	Ulipristal acetate	EllaOne	2
2010	Vinflunine (as ditartrate)	Javlor	1
2011	Alteplase	Actilyse Cathflo	1
2011	Bendamustine hydrochloride	Levact	1
2011	Bilastine	Ilaxten	1
2011	Biphasic isophane insulin (human, crb)	Insuman Comb 25 SoloStar	1
2011	Biphasic isophane insulin (human, prb)	Humulin M3 KwikPen	1
2011	Botulinum toxin type A	Bocouture	1
2011	Cabazitaxel	Jevtana	1
2011	Collagenase Clostridium histolyticum	Xiapex	3
2011	Eribulin (as mesilate)	Halaven	3
2011	Fibrinogen, dried	Riastap	1
2011	Filgrastim	Tevagrastim	1
2011	Filgrastim	Nivestim	1
2011	Fingolimod (as hydrochloride)	Gilenya	3
2011	Golimumab	Simponi	1
2011	Hepatitis B-specific immunoglobulin	Zutectra	1
2011	Indacaterol (as maleate)	Onbrez Breezhaler	2
2011	Interferon beta-1a	Rebif (Rebifose)	1
2011	Iron isomaltsoside 1000	Monofer	1
2011	Isophane insulin (human, crb)	Insuman Basal Solostar	1
2011	Isophane insulin (human, prb)	Humulin I KwikPen	1

2011	Normal immunoglobulin	Gammanorm	1
2011	Normal immunoglobulin	Octagam	1
2011	Pazopanib (as hydrochloride)	Votrient	2
2011	Roflumilast	Daxas	3
2011	Somatropin (rbe)	Genotropin GoQuick	1
2011	Tapentadol (as hydrochloride)	Palexia	2
2011	Ticagrelor	Brilique	2
2011	Velaglucerase alfa	VPRIV	1
2012	Abiraterone acetate	Zytiga	3
2012	Apixaban	Eliquis	1
2012	Argatroban monohydrate	Exembol	1
2012	Asenapine (as maleate)	Sycrest	1
2012	Azilsartan medoxomil (as potassium salt)	Edarbi	1
2012	Belatacept	Nulojix	1
2012	Belimumab	Benlysta	3
2012	Boceprevir	Victrelis	3
2012	C1-esterase inhibitor	Cinryze	1
2012	Catumaxomab	Removab	3
2012	Conestat alfa	Ruconest	1
2012	Denosumab	XGEVA	1
2012	Dexmedetomidine (as hydrochloride)	Dexdor	2
2012	Fampridine	Fampyra	2
2012	Fidaxomicin	Difclir	2
2012	Ipilimumab	Yervoy	3
2012	Linagliptin	Trajenta	1
2012	Normal immunoglobulin	Aragam	1
2012	Normal immunoglobulin	Gamunex	1
2012	Normal immunoglobulin	Hizentra	1
2012	Rifaximin	Xifaxanta	1
2012	Rilpivirine (as hydrochloride)	Edurant	1
2012	Succinylated gelatin (modified fluid gelatin, average molecular weight 26 500)	Gelaspan	1
2012	Tegafur with gimeracil and oteracil (as potassium salt)	Teysuno	1
2012	Telaprevir	Incivo	3
2012	Tenofovir disoproxil (as fumarate) with emtricitabine and rilpivirine (as hydrochloride)	Eviplera	1
2012	Vandetanib	Caprelsa	2
2012	Vemurafenib (as co-precipitate of vemurafenib and hypromellose acetate succinate)	Zelboraf	3

* Degree of innovation classified as follows:

1. Slightly innovative
2. Moderately innovative
3. Highly innovative