







**Technology:** Pegfilgrastim is a PEGylated form of the recombinant human granulocyte colony-stimulating factor (GCSF) analog filgrastim. It stimulates bone marrow to produce neutrophils (a type of white blood cell) to fight infection.

	Amgen v. Apotex 0:15-cv-61631 (S.D. Fla.) '784 Patent settled, '138 Patent not infringed, not unenforceable, invalidity dismissed Fed. Cir. 17-1010 Affirmed	Amgen v. Sandoz 2:16-cv-01276 (D.N.J.) (BPCIA declaratory judgment suit, infringement / invalidity not alleged) Voluntarily dismissed	Amgen v. 3 3:16-cv-( (N.D. C Summ judgment infringeme Cir. 18- Cir. 18- Affirmed, F for <i>en b</i> rehearing g in-part, der part	02581 Cal.) of non- of ron- ont; Fed. 1552 Petition oanc granted- nied-in-	<i>Amgen v.</i> <i>Apotex</i> 0:18-cv- 61828 (S.D. Fla.) Stipulated dismissal	<i>Apotex v. Ar</i> IPR2016-01 FWD (All cla unpatentabl request for reh Request for D Review den Fed. Cir. 19- Reversed (No unpatental	542 aims le on earing); irector nied; -2171 claims	Kashiv BioSciences v. Amgen IPR2019- 00791 Settled after institution	Fresenius Kabi v. Amgen IPR2019- 00971 Institution denied	Fresenius Kabi v. Amgen IPR2020- 00314 Settled prior to institution decision	<i>Lupin v. Amgen</i> IPR2021- 00326 Institution denied	
5,824,784	Х	х	Х									
8,940,878		х	Х					х				
8,952,138	Х					х						
9,856,287					Х				Х	Х	Х	
	Amgen v. Coherus 1:17-cv-00546 (D. Del.) Dismissed for failure to state a claim; Fed. Cir. 18-1993 Affirmed	Amgen v. Mylan 2:17-cv-01235 (W.D. Pa.) '997 Patent stipulation of non-infringement, '707 Patent judgment of non-infringement		Sandoz v. Amgen 3:19-cv-00977 (N.D. Cal.) Voluntarily dismissed		Amgen v. Hospira 1:20-cv-00201 (D. Del.) Settled	Kashiv BioSciences v. Amgen IPR2019-00797 Settled after institution		Fresenius Kal Amgen IPR2019-011 Settled afte institution	83 IPR2 r ins	<i>Pfizer v. Amgen</i> IPR2021-00528 Settled after institution	
8,273,707	х	X				х					Х	
9,643,997		Х			х			Х	х			

