

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN

LIPEGFILGRASTIM

PRONUNCIATION

lye" peg fil gra' stim

THERAPEUTIC CLAIM

Stimulates the production of white blood cells

CHEMICAL NAMES

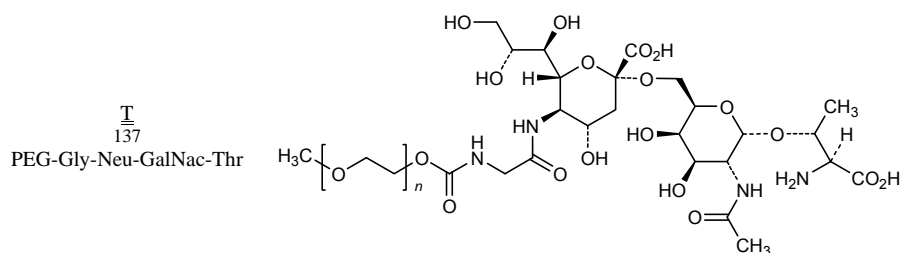
1. Poly(oxy-1,2-ethanediyl), α -hydro- ω -methoxy-, 133-ester with granulocyte colony-stimulating factor [methionyl, 133-[O-[2-(acetylamino)-6-O-[N-[(N-carboxyglycyl)amino]- α -neuraminosyl]-2-deoxy- α -D-galactopyranosyl]-L-threonine]] (human)
2. pegylated granulocyte colony stimulating factor (human short isoform) $O^{3,137}$ -[3,5-dideoxy-5-[(N-[[ω -methoxypoly(oxyethylene)]carbonyl]glycyl)amino]-D-glycero- α -D-galacto-non-2-ulopyranosylonic acid)-(2 \rightarrow 6)-2-(acetylamino)-2-deoxy- α -D-galactopyranosyl]-des-(37-39)-[1-methionine]human granulocyte colony-stimulating factor (G-CSF, pluripoietin)

STRUCTURAL FORMULA

MTPLGPASSL	PQSFLKCLE	QVRKIQQDGA	ALQEKL---C	ATYKLCHPEE	50
LVLGHSLSGI	PWAPLSSCPS	QALQLAGCLS	QLHSGLFLYQ	GLLQALEGIS	100
PELGPTLDTL	QLDVADFATT	IWQQMEELGM	APALQPTQGA	MPAFASAFQR	150
RAGGVLVASH	LQSFLEVSYSR	VLRLAQP			178

Disulfide bridges location / Position des ponts disulfure / Posiciones de los puentes disulfuro
40-46 68-78

Modified residues / Résidu modifié / Xxxxx



MOLECULAR FORMULA	$C_{866}H_{1372}N_{226}O_{258}S_9 [C_2H_4O]_n$
MOLECULAR WEIGHT	$19.37 + 4.4 \cdot 10^{-2}n$ kDa
TRADEMARK	None as yet
SPONSOR	Ratiopharm GmbH
CODE DESIGNATION	XM22
<u>CAS</u> REGISTRY NUMBER	1117844-87-7