

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (ZZ-151) PEGBOVIGRASTIM

PRONUNCIATION peg boe" vi gra' stim

THERAPEUTIC CLAIM Reducing clinical mastitis in dairy cows

CHEMICAL NAMES

1. Colony-stimulating factor, granulocyte [methionyl,133-(4-acetylphenylalanine)] (synthetic bovine), 20-kilodalton pegylated
2. L-methionyl-[133-{4-(1-[2-({[ω-methoxypoly(oxyethylene)]carbonyl} amino)ethoxy]imino)ethyl)-L-phenylalanine}]bovine granulocyte colony-stimulating factor

STRUCTURAL FORMULA

Sequence

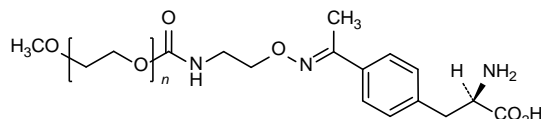
TPLGPARSLP	QSFLKCLEQ	VRKIQADGAE	LQERLCAAHK	LCHPEELMLL	50
RHSLGIPQAP	LSSCSSQSLQ	LTSCLNQLHG	GLFLYQGLLQ	ALAGISPELA	100
PTLDTLQLDV	TDFATNIWLQ	MEDLGAAPAV	QPEQGAMPTF	TSAFQRRAGG	150
VLVASQLHRF	LELAYRGLRY	LAEP			174

Disulfide bridges

36-42 64-74

Modified residues

E
133
4-(methoxyPEGcarbonylaminoethoxyiminoethyl)Phe



MOLECULAR FORMULA $C_{859}H_{1370}N_{236}O_{248}S_9 \cdot [C_2H_4O]_n$

MOLECULAR WEIGHT 40 kDa

TRADEMARK None as yet

SPONSOR Eli Lilly and Co.

CODE DESIGNATIONS LY2953726

CAS REGISTRY NUMBER 1363409-60-2

WHO NUMBER 9773
gbk