

# STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN BALUGRASTIM  
PRONUNCIATION bal" ue gra' stim  
THERAPEUTIC CLAIM Treatment of chemotherapy-associated neutropenia

## CHEMICAL NAMES

1. Serum albumin (human), fusion protein with granulocyte colony-stimulating factor (human)
2. Human serum albumin (585 residues) fusion protein with des-(1-alanine,37-valine,38-serine,39-gutamic acid)-human granulocyte colony-stimulating factor (pluripoietin)

## STRUCTURAL FORMULA

DAHKSEVAHR	FKDLGEEENFK	ALVLIIFAQY	LQQCPFEDHV	KLVNEVTEFA	50
KTCVADESAAE	NCDKSLHTLF	GDKLCTVATL	RETYGEMADC	CAKQEPERNE	100
CFLQHKDDNP	NLPRLVRPEV	DVMCTAFHDN	EETFLKKYLY	EIARRHPYFY	150
APELLFFAKR	YKAAFTGCCQ	AADKAACLLP	KLDELREDEGK	ASSAQRLKC	200
ASLQKFGERA	FKAWAVARLS	QRFPKAEFAE	VSKLVTDLTK	VHTECCHGDL	250
LECADDRADL	AKYICENQDS	ISSKLEKCE	KPLLEKSHCI	AEVENDEMPA	300
DLPSLAADFV	ESKDVCKNYA	EAKDVFLGMF	LYEYARRHPD	YSVLLLRRLA	350
KTYETTLEKC	CAAADPHCEY	AKVFDEFKPL	VEEPQNLIKQ	NCELFEQLGE	400
YKFNALLVR	YTKKVPQVST	PTLVEVSRNL	GKVGSKCKKH	PEAKRMPCAE	450
DYLSVVLNQL	CVLHEKTPVS	DRVTKCCTES	LVNRRPCFSA	LEVDETYVVK	500
EFNAETTFH	ADICTLSEKE	RQIKKQTALV	ELVKHKPKAT	KEQLKAVMDD	550
FAAFVEKCK	ADDKETCFAE	EGKKLVAASQ	AALGLTPLGP	ASSLPQSFL	600
KCLEQVRKIQ	GDGAALQEK	CATYKLCHPE	ELVLLGHSLG	IPWAPLSSCP	650
SQALQLAGCL	SQLHSGFLY	QGLLQALEGI	SPELGPTLDT	LQLDVADFAT	700
TIWQQMEELG	MAPALQPTQG	AMPAFASAFQ	RRAGGVLVAS	HLQSFLEVS	750
RVLRHLAQ					759

### Disulfide bridges

53-62	75-91	90-101	124-169	168-177	200-246	245-253
265-279	278-289	316-361	360-369	392-438	437-448	461-477
476-487	514-559	558-567	621-627	649-659		

## MOLECULAR FORMULA

$C_{3776}H_{5918}N_{1008}O_{1130}S_{49}$

## MOLECULAR WEIGHT

85.09 kDa

## TRADEMARK

None as yet

## SPONSOR

Teva Pharmaceutical Industries Ltd.

## CODE DESIGNATION

CG10639

## CAS REGISTRY NUMBER

527698-09-5