

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN BAMINERCEPT ALFA  
 PRONUNCIATION bah mi ner' sept  
 THERAPEUTIC CLAIM Treatment of rheumatoid arthritis

CHEMICAL NAMES

1.  $\beta$ -Lymphotoxin receptor (human extracellular domain-containing fragment) fusion protein with immunoglobulin G1 (human  $\gamma$ 1-chain Fc fragment)
2. human tumor necrosis factor receptor superfamily member 3 (lymphotoxin- $\beta$  receptor, TNF C receptor)-(2-195)-peptide (fragment of extracellular domain) fusion protein with human immunoglobulin heavy constant  $\gamma$ 1 chain Fc fragment [227 residues, hinge (195-205) des-(1-4), C5>V, CH2 (206-315), CH3 (316-421) des-K<sup>107</sup>]dimer (201-201':204-204')-bisdisulfide, glycosolated

STRUCTURAL FORMULA

Monomer

AVPPYASENQ	TCRDQEKEYY	EPQHRICCSR	CPPGTYVSAK	CSRIRDTVCA	50
TCAENSYNEH	WNYLTICQLC	RPCDPVMGLE	EIAPCTSKRK	TQCRCQPGMF	100
CAAWALECTH	CELLSDCPPG	TEAELKDEVG	KGNNHCVPCK	AGHFQNTSSP	150
SARCQPHTRC	ENQGLVEAAP	GTAQSDTTCK	NPLEPLPEM	SGTMVDKHTH	200
CPPCPAPELL	GGPSVFLFPP	KPKDTLMISR	TPEVTCVVVD	VSHEDPEVKF	250
NWYVDGVEVH	NAKTKPREEQ	YNSTYRVVSV	LTVLHQDWLN	GKEYKCKVSN	300
KALPAPIEKT	ISKAKGQPRE	PQVYTLPPSR	DELTKNQVSL	TCLVKGFYPS	350
DIAVEWESNG	QPENNYKTP	PVLDSGDSFF	LYSKLTVDKS	RWQQGNVFSC	400
SVMHEALHNNH	YTQKSLSLSP	G			421

Predicted Disulfide bridges location / Position des ponts disulfure / Posiciones de los puentes disulfuro

12-27	12'-27'	28-41	28'-41'	31-49	31'-49'	52-67
52'-67'	70-85	70'-85'	73-93	73'-93'	95-101	95'-101'
108-117	108'-117'	111-136	111'-136'	139-154	139'-154'	160-179
160'-179'	201-201'	204-204'	236-296	236'-296'	342-400	342'-400'

Glycosylation sites / Sites de glycosylation / Posiciones de glicosilación

Asn-9	Asn-9'	Asn-146	Asn-146'	Asn-272	Asn-272'
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MOLECULAR FORMULA  $C_{4074}H_{6282}N_{1134}O_{1274}S_{68}$

MOLECULAR WEIGHT 93.71 kDa

CODE BG 9924

TRADEMARK None as yet

MANUFACTURER Biogen Idec

CAS REGISTRY NUMBER 909110-25-4