

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL:

USAN	ABATACEPT
PRONUNCIATION	ab a ta' sept
THERAPEUTIC CLAIM	treatment of autoimmune diseases such as rheumatoid arthritis (selective co-stimulation modulator; binds to the B7 family of molecules expressed on antigen-presenting cells (APC))
CHEMICAL NAME	

1-25-oncostatin M (human precursor) fusion protein with CTLA-4 (antigen) (human) fusion protein with immunoglobulin G1 (human heavy chain fragment)

STRUCTURAL FORMULA

BMS-188667 is comprised of two homologous glycosylated polypeptide chains of CTLA4Ig (i.e., a homodimer) of approximately 46 kDa each which are held together by one disulfide bond and non-covalent interactions.

MGVLLTQRTL	LSLVLALLFP	SMASMAMHVA	QPAVVLASSR
GIASFVCEYA	SPGKATEVRV	TVLRQADSQV	TEVCAATYMM
GNELTFLDDS	ICTGTSSGNQ	VNLTIQGLRA	MDTGLYICKV
ELMYPPPYL	GIGNGTQIYV	IDPEPCPDS	QEPKSSDKTH
TSPPSPAPEL	LGSSSVFLFP	PKPKDTLMIS	RTPEVTCVVV
DVSHEDPEVK	FNWYVDGVEV	HNAKTKPREE	QYNSTYRVVS
VLTVLHQDWL	NGKEYKCKVS	NKALPAPIEK	TISKAKGQPR
EPQVYTLPPS	RDELTKNQVS	LTCLVKGFYP	SDIAVEWESN
GQPENNYKTT	PPVLDSGDSF	FLYSKLTVDK	SRWQQGNVFS
CSVMHEALHN	HYTQKSLSL	PG**K*	

**=C-Terminus (predominant species)
*=C-Terminus (cDNA)
underline = N-linked glycosylation sites

MOLECULAR FORMULA	(C ₁₉₆₅ H ₃₀₈₀ N ₄₇₉ O ₆₉₅ S ₁₆)
MOLECULAR WEIGHT	Approximately 92 kDa (46 kDa per chain)
TRADEMARK	Unknown as yet
MANUFACTURER	Bristol-Myers Squibb
CODE DESIGNATIONS	BMS-188667
<u>CAS</u> REGISTRY NUMBER	332348-12-6