

September 26, 2012

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (zz-158) DALANTERCEPT

PRONUNCIATION Dal ant' ar sept

THERAPEUTIC CLAIM Antineoplastic

CHEMICAL NAMES

1. Kinase (phosphorylating), activin receptor-like, 1 (human 99-amino acid extracellular domain fragment) fusion protein with peptide (synthetic 4-amino acid linker) fusion protein with immunoglobulin G1 (human 225-amino acid Fc region fragment), dimer
2. [Human serine/threonine-protein kinase receptor R3 (activin receptor-like kinase 1, TGF-B superfamily receptor type I)-(1-99)-peptidyl (containing extracellular domain)]-L-threonyltriglycyl-des-(1-7)-[211-L-valine]human immunoglobulin heavy constant gamma 1Fc fragment {H-(8-15)-CH₂¹⁰⁰A>V} dimer (107-107':110-110')-bisdisulfide

STRUCTURAL FORMULA

Monomer

DPVKPSRGPL	VTCTCESPHC	KGPTCRGAWC	TVVLVREEGR	HPQEHRGCGN	50
LHRELCRGRP	TEFVNHYCCD	SHLCNHVSL	VLEATQPPSE	QPGTDGQLAT	100
GGGTHTCPPC	PAPELLGGPS	VFLFPPKPKD	TLMISRTPPEV	TCVVVDVSHE	150
DPEVKFNWYV	DGVEVHNAKT	KPREEQYNST	YRVVSVLTVL	HQDWLNGKEY	200
KCKVSNKALP	VPIEKTISKA	KGQPREPQVY	TLPPSREEMT	KNQVSLTCLV	250
KGFYPSDIAV	EWESNGQPEN	NYKTTTPVLD	SDGSFFLYSK	LTVDKSRWQQ	300
GNVFSCSVHM	EALHNHYTQK	SLSLSPGK			328

Disulfide bridges

13-30	13'-30'	15-20	15'-20'	25-48	25'-48'	56-68	56'-68'
69-74	69'-74'	107-107'	110-110'	142-202	142'-202'	248-306	248'-306'

Glycosylation sites (N)

Asn-77	Asn-77'	Asn-178	Asn-178'
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MOLECULAR FORMULA C₃₂₀₆H₄₉₆₀N₉₀₄O₉₇₆S₃₈ (peptide)

MOLECULAR WEIGHT 73.0 kDa (peptide)

TRADEMARK None as yet

SPONSOR Acceleron Pharma Inc.

CODE DESIGNATIONS ACE-041

CAS REGISTRY NUMBER 1186210-24-1

WHO NUMBER 9427

gbk