

June 25, 2014

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (BC-113) IPAFRICEPT
PRONUNCIATION eye paf' ri sept
THERAPEUTIC CLAIM Antineoplastic

CHEMICAL NAMES

1. Frizzled receptor Frizzled-8 (synthetic human extracellular domain fragment) fusion protein with immunoglobulin G1 (synthetic human monoclonal Fc fragment), dimer
2. des-363-L-lysine(CH₃¹⁰⁷K>-)[136-L-serine(H⁵C>S)](human Frizzled-8-(1-131)-peptide (fragment of the extracellular domain including domain FZ) fusion protein with human immunoglobulin heavy constant γ 1 Fc fragment) dimer (142-142':145-145')-bisdisulfide, glycosylated (produced in CHO cells)

STRUCTURAL FORMULA

Monomer

ASAKELACQE	ITVPLCKGIG	YNYTYMPNQF	NHDTQDEAGL	EVHQFWPLVE	50
IQCSFDLKF	LCSMYTPICL	EDYKKPLPPC	RSVCERAKAG	CAPLMRQYGF	100
AWPDRMRCDR	LPEQGNPDTL	CMDY ^N RTDLT	TEPKSSDKTH	TCPPCPAPEL	150
LGGPSVFLFP	PKPKDTLMIS	RTPEVTCVVV	DVSHEDPEVK	FNWYVDGVEV	200
HNAKTKPREE	QYNSTYRVVS	VLTVLHQDWL	NGKEYKCKVS	NKALPAPIEK	250
TISKAKGQPR	EPQVYTLPPS	RDELTKNQVS	LTCLVKGFPY	SDIAVEWESN	300
GQPENNYKTT	PPVLDSGGSF	FLYSKLTVDK	SRWQQGNVFS	CSVMHEALHN	350
HYTQKSLSL	PG				362

Disulfide bridges location

8-69	8'-69'	16-62	16'-62'	53-91	53'-91'	80-121	80'-121'
84-108	84'-108'	142-142'	145-145'	177-237	177'-237'	283-341	283'-341'

Glycosylation sites N

Asn-22 Asn-22' Asn-125 Asn-125' Asn-213 Asn-213'

MOLECULAR FORMULA C₃₆₄₄H₅₅₈₂N₉₆₆O₁₀₉₈S₄₆ (peptide)

MOLECULAR WEIGHT 81.97 kDa (peptide)

TRADEMARK None as yet

SPONSOR OncoMed Pharmaceuticals, Inc.

CODE DESIGNATION OMP-54F28

CAS REGISTRY NUMBER 1391727-24-4

UNII 2N71QUE3NL

WHO NUMBER 9810

SCS