

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (HI-28) EFTOZANERMIN ALFA

PRONUNCIATION ef toe" za ner' min al' fa

THERAPEUTIC CLAIM Treatment of cancer

CHEMICAL NAMES

1. TNF-related apoptosis-inducing ligand receptor agonist protein (human)
2. Gln¹-human single-chain tumor necrosis factor ligand superfamily member 10 (TNFSF-10, tumor necrosis factor-related apoptosis-inducing ligand, TRAIL) receptor binding domain fragment, repeat of three identical chains (2-161, 171-330, 340-499) fused together via glycosylated linkers (162-170 connecting chain I to chain II and 331-339 connecting chain II to chain III), fused via linker (500-511) to an Fc fragment of human immunoglobulin G1 (512-740) [*Homo sapiens* IGHG1*03 (CH2 (524-633 (Asn⁵⁹⁰>Ser))), CH3 (634-738), CHS (739-740)], dimer, produced in Chinese hamster ovary (CHO) cells, glycoform alfa

STRUCTURAL FORMULA

Monomer

QRVAAHITGT	RGRSNTLSSP	NSKNEKALGR	KINSWESSRS	GHSFLSNLHL	50
RNGELVIHEK	GFYYIYSQTY	FRFQEEIKEN	TKNDKQMVQY	IYKYTSYPDP	100
ILLMKSARNS	CWSKDAEYGL	YSIYQGGIFE	LKENDRIFVS	VTNEHLIDMD	150
HEASFFGAFL	VGGSGSNGS	RVAAHITGTR	GRSNTLSSPN	SKNEKALGRK	200
INSWESSRSG	HSFLSNLHLR	NGELVIHEKG	FYYIYSQTYF	RFQEEIKENT	250
KNDKQMVQYI	YKYTSYPDPI	LLMKSARNSC	WSKDAEYGLY	SIYQGGIFEL	300
KENDRIFVSV	TNEHLIDMDH	EASFFGAFLV	GSGSGNGSR	VAAHITGTRG	350
RSNTLSSPNS	KNEKALGRKI	NSWESSRSGH	SFLSNLHLRN	GELVIHEKGF	400
YYIYSQTYFR	FQEEIKENTK	NDKQMVQYIY	KYTSYPDPII	LMKSARNSCW	450
SKDAEYGLYS	IYQGGIFELK	ENDRIFVSVT	NEHLIDMDHE	ASFFGAFLVG	500
GPGSSSSSSS	GSCDKTHTCP	PCPAPELLGG	PSVFLFPPKP	KDTLMISRTP	550
EVTCTVVVDVS	HEDPEVKFNW	YVDGVEVHNA	KTKPREEQYS	STYRVVSVLT	600
VLHQDWLNGK	EYKCKVSNKA	LPAPIEKTIS	KAKGQPREPQ	VYTLPPSREE	650
MTKNQVSLTC	LVKGFYPSDI	AVEWESNGQP	ENNYKTTTPV	LDSDGSEFFLY	700
SKLTVDKSRW	QQGNVFSCSV	MHEALHNHYT	QKSLSLSPGK		740

Disulfide bridges

111-280 111'-280' 513-513' 519-519' 522-522' 554-614 554'-614' 660-718 660'-718'

Glycosylation sites (N)

Asn-167 Asn-167' Asn-337 Asn-337'

MOLECULAR FORMULA C₇₄₇₈H₁₁₄₀₂N₂₀₄₄O₂₂₈₀S₄₄

MOLECULAR WEIGHT 167.5 kDa

TRADEMARK None as yet

SPONSOR AbbVie, Inc.

CODE DESIGNATIONS ABBV-621

<u>CAS</u> REGISTRY NUMBER	1820660-69-2
UNII	Q1K9TTP1WS
WHO NUMBER	10838

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