

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (HI-200) BINTRAFUSP ALFA

PRONUNCIATION bin' tra fusp al' fa

THERAPEUTIC CLAIM Antineoplastic

SEQUENCE

Heavy chain

EVQLLESGGG LVQPGGSLRL SCAASGFTFS SYIMMWVRQA PGKGLEWVSS 50
 IYPSGGITFY ADTVKGRFTI SRDNSKNTLY LQMNSLRAED TAVYYCARIK 100
 LGTVTTVDYW GQGTLLTVSS ASTKGPSVFP LAPSSKSTSG GTAALGCLVK 150
 DYFPEPVTVS WNSGALTSGV HTFPAVLQSS GLYSLSSVVT VPSSSLGTQT 200
 YICNVNHKPS NTKVDRKVEP KSCDKTHTCP PCPAPELLGG PSVFLFPPKP 250
 KDTLMISRTP EVTCVVVDVS HEDPEVKFNW YVDGVEVHNA KTKPREEQYN 300
 STYRVVSVLT VLHQDWLNGK EYKCKVSNKA LPAPIEKTIS KAKGQPREPQ 350
 VYTLPPSREE MTKNQVSLTC LVKGFYPSDI AVEWESNGQP ENNYKTTTPV 400
 LDSDGSFFLY SKLTVDKSRW QQGNVFSCSV MHEALHNHYT QKSLSLSPGA 450
 GGGGSGGGGS GGGGSGGGGS GIPPHVQKSV NNDMIVTDNN GAVKFPQLCK 500
 FCDVRFSTCD NQKSCMSNCS ITSICEKPQE VCVAVWRKND ENITLETVCH 550
 DPKLPYHDFI LEDAASPCCI MKEKKKPGET FFMCSRSSDE CNDNIIFSEE 600
 YNTSNPD 607

Light chain

QSALTQPASV SGSPGQSITI SCTGTSSDVG GYNYVSWYQQ HPGKAPKLM 50
 YDVSNRPSGV SNRFSGSKSG NTASLTISGL QAEDADYYC SSYTSSSTRV 100
 FGTGKVTVL GQPKANPTVT LFPPSSEELQ ANKATLVCLI SDFYPGAVTV 150
 AWKADGSPVK AGVETTKPSK QSNNKYAASS YLSLTPEQWK SHRSYSCQVT 200
 HEGSTVEKTV APTECS 216

Disulfide bridges

| | | | | | | | |
|----------|--------------|-----------|-------------|-----------|---------------|---------|-------------|
| 22-96 | 22''-96'' | 22'-90' | 22'''-90''' | 138'-197' | 138'''-197''' | 147-203 | 147''-203'' |
| 223-215' | 223''-215''' | 229-229'' | 232-232'' | 264-324 | 264'''-324''' | 370-428 | 370''-428'' |
| 499-532 | 499''-532'' | 502-519 | 502''-519'' | 509-515 | 509''-515'' | 525-549 | 525''-549'' |
| 569-584 | 569''-584'' | 586-591 | 586''-591'' | | | | |

Glycosylation sites (N)

300 300'' 518 518'' 542 542'' 602 602''

MOLECULAR FORMULA C₇₇₈₀H₁₂₀₅₆N₂₀₉₂O₂₄₉₀S₇₈

MOLECULAR WEIGHT 177.3 kDa (without glycosylation)

TRADEMARK None as yet

SPONSOR Ares Trading S.A.

CODE DESIGNATIONS M7824

CAS REGISTRY NUMBER 1918149-01-5

UNII NW9K8C1JN3

WHO NUMBER 10665

SCS