

## STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (ZZ-136) PARSATUZUMAB

PRONUNCIATION par" sa tue' zue mab

THERAPEUTIC CLAIM Treatment of solid tumors

## CHEMICAL NAMES

1. Immunoglobulin G1, anti-(human protein EGFL7 (epidermal growth factor-like domain 7)) (human-*Mus musculus* monoclonal MEGF0444A heavy chain), disulfide with human-*Mus musculus* monoclonal MEGF0444A  $\kappa$ -chain, dimer
2. Immunoglobulin G1, anti-(human epidermal growth factor-like protein 7 (multiple EGF-like domains protein 7, NOTCH4-like protein, VE-statin, Zneu1)); humanized mouse monoclonal MEGF0444A  $\gamma$ 1 heavy chain (226-219')-disulfide with humanized mouse monoclonal MEGF0444A  $\kappa$  light chain dimer (232-232':235-235')-bisdisulfide

## STRUCTURAL FORMULA

## Heavy chain

EVQLVESGGG	LVQPGGSLRL	SCAASGYTFI	DYYMNWVRQA	PGKGLEWVGD	50
INLDNSGTHY	NQKFKGRFTI	SRDKSKNTAY	LQMNSLRAED	TAVYYCAREG	100
VYHDYDDYAM	DYWGQGLTIV	VSSASTKGPS	VFPLAPSSKS	TSGGTAALGC	150
LVKDYFPEPV	TVSWNSGALT	SGVHTFPAVL	QSSGLYSLSS	VVIVPSSSLG	200
TQTYICNVNH	KPSNTKVDKK	VEPKSCDKTH	TCPPCPAPEL	LGGPSVFLFP	250
PKPKDTLMIS	RTPEVTCVVV	DVSHEDPEVK	FNWYVDGVEV	HNAKTKPREE	300
QYNSTYRVVS	VLTVLHQDWL	NGKEYKCKVS	NKALPAPIEK	TISKAKGQPR	350
EPQVYTLPPS	REEMTKNQVS	LTCLVKGFYP	SDIAVEWESN	GQPENNYKTT	400
PPVLDSDGSF	FLYSKLTVDK	SRWQQGNVFS	CSVMHEALHN	HYTQKSLSLS	450
PGK					453

## Light chain

DIQMTQSPSS	LSASVGDRVT	ITCRTSQSLV	HINAITYLHW	YQQKPGKAPK	50'
LLIYRVSNRF	SGVPSRFSGS	GSPTDFTLTI	SSLQPEDFAT	YYCGQSTHVP	100'
LTFGGQTKVE	IKRTVAAPSV	FIFPPSDEQL	KSGTASVVCV	LNNFYPREAK	150'
VQWKVDNALQ	SGNSQESVTE	QDSKDYSTYS	SSTLTLSKAD	YEKHKVYACE	200'
VTHQGLSSPV	TKSFNRGEC				219'

## Disulfide bridges location

22-96	22"-96"	23'-93'	23'''-93'''	139'-199'	139'''-199'''	150-206	150"-206"
219'-226	219'''-226'''	232-232"	235-235"	267-327	267'''-327'''	373-431	373"-431"

## Glycosylation sites (N)

Asn-303 Asn-303"

MOLECULAR FORMULA  $C_{6560}H_{10130}N_{1758}O_{2046}S_{46}$ 

MOLECULAR WEIGHT 147.8 kDa

TRADEMARK None as yet

SPONSOR Genentech/Roche

CODE DESIGNATIONS	RG7414, anti-EGFL7 monoclonal antibody, MEGF0444A
<u>CAS</u> REGISTRY NUMBER	1312797-14-0
WHO NUMBER	9647

gbk