

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (KL-77) DAVUTAMIG
 PRONUNCIATION da vue' ta mig
 THERAPEUTIC CLAIM Treatment of non-small cell lung cancer (NSCLC).

CHEMICAL NAME

Immunoglobulin G4 [229-proline], anti-(human hepatocyte growth factor receptor c-Met) (human biparatopic monoclonal REGN5093 γ 4-chain) disulfide with human biparatopic monoclonal REGN5093 κ -chain, (227→223''),(230→226'')-bis(disulfide) with immunoglobulin G4 [225-proline,432-arginine,433-phenylalanine,442-proline] anti-(human hepatocyte growth factor receptor c-Met) (human biparatopic monoclonal REGN5093 γ 4-chain) disulfide with human biparatopic monoclonal REGN5093 κ -chain (Source : CAS)

STRUCTURAL FORMULA

Heavy chain X, anti MET

EVQLVESGGG	LVQPGTSLRL	SCAASGFTFD	DYAMHWVRQA	PGKGLEWVSG	50
ITWNSYNIDY	ADSVKGRFTI	SRDNAKNSLY	LQMNSLRAED	TALYYCAKDD	100
DYSNYVYFDY	WGQGTLVTVS	SASTKGPSVF	PLAPCSRSTS	ESTAALGCLV	150
KDYFPEPVTV	SWNSGALTSG	VHTFPAVLQS	SGLYSLSSVV	TVPSSSLGTK	200
TYTCNVDHKP	SNTKVDKRVE	SKYGPPCPPC	PAPEFLGGPS	VFLFPPKPKD	250
TLMISRTEPEV	TCVVVDVDSQE	DPEVQFNWYV	DGVEVHNART	KPREEQFNST	300
YRVVSVLTVL	HQDWLNGKEY	KCKVSNKGLP	SSIEKTISKA	KGQPREPQVY	350
TLPSPQSEEMT	KNQVSLTCLV	KGFYPSDIAV	EWESNGQPEN	NYKTTPPVLD	400
SDGSFFLYSR	LTVDKSRWQE	GNVFSCSVMH	EALHNHYTQK	SLSLSLGK	448

Heavy chain X'', anti MET

EVQLVESGGG	LVQPGGSLRL	SCAASGFIVT	TNYMTWLRQA	PGKGLEWVSL	50''
IYSSGHYYA	DSVKGRFTIS	RHNSKNTLYL	QMDSLRAEDT	AVYYCASAF	100''
ADVFDIWGQG	TMVTVSSAST	KGPSVFPLAP	CSRSTSESTA	ALGCLVKDYF	150''
PEPVTVSWNS	GALTSGVHTF	PAVLQSSGLY	SLSSVTVVPS	SSLGTKTYTC	200''
NVDHKSNTK	VDKRVESKYG	PPCPPCPAPE	FLGGPSVFLF	PPKPKDTLMI	250''
SRTPEVTCVV	VDSVQEDPEV	QFNWYVDGVE	VHNAKTKPRE	EQFNSTYRVV	300''
SVLTVLHQDV	LNGKEYCKV	SNKGLPSSIE	KTISKAKGQP	REPQVYTLPP	350''
SQSEMTKNQV	SLTCLVKGFY	PSDIAVEWES	NGQPENNYKT	TPPVLDSDGS	400''
FFLYSRRLTVD	KSRWQEGNVF	SCSVMHEALH	NRFTQKSLSL	SPGK	444''

Light chain X', X''

DIQMTQSPSS	LSASVGDRTV	ITCRASQGIS	SYLNWYQQKP	GKAPKLLIYA	50'
ASSLQSGVPS	RFSGSGSGTD	FTLTISLQSP	EDFATYYCQQ	SYSTPPIITFG	100'
QGTRLEIKRT	VAAPSVFIFP	PSDEQLKSGT	ASVVCLLNMF	YPREAKVQWK	150'
VDNALQSGNS	QESVTEQDSK	DSTYLSLSTL	TLSKADYEKH	KVYACEVTHQ	200'
GLSSPVTKSF	NRGEC				215'

Disulfide bridges

22-96	22''-95''	23'-88'	23'''-88'''	135'-195'	135'''-195'''	131''-215''	135-215'
144''-200''	148-204	227-223''	230-226''	258''-318''	262-322	364''-422''	368-426

Glycosylation sites (N)

294''	298
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MOLECULAR FORMULA C₆₄₂₇H₉₉₀₆N₁₇₀₀O₂₀₃₀S₄₅

MOLECULAR WEIGHT 144.91 kDa

TRADEMARK	None as yet
SPONSOR	Regeneron Pharmaceuticals Inc.
CODE DESIGNATIONS	REGN5093
<u>CAS</u> REGISTRY NUMBER	2648058-48-2
UNII	N2H0RP6IHR
WHO NUMBER	12481

gbk