

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (CD-160) GIMSILUMAB

PRONUNCIATION jim sil' ue mab

THERAPEUTIC CLAIM Treatment of rheumatoid arthritis

CHEMICAL NAME

1. Immunoglobulin G1, anti-(human granulocyte-macrophage colony-stimulating factor) (human monoclonal MORAb-022 heavy chain), disulfide with human monoclonal MORAb-022 κ-chain, dimer

STRUCTURAL FORMULA

Heavy chain

EVQLVESGGG	LVQPGGSLRL	SCAASGFTFS	RHWMHWRQV	PGKGPVWVSR	50
INGAGTSITY	ADSVRGRFTI	SRDNANNTLF	LQMNSLRADD	TALYFCARAN	100
SVWFRGLFDY	WGQGTPTVTVS	SASTKGPSVF	PLAPSSKSTS	GGTAALGCLV	150
KDYFPEPVTV	SWNSGALTSG	VHTFPAVLQS	SGLYSLSSVV	TVPSSSLGTQ	200
TYICNVNHKP	SNTKVDKKVE	PKSCDKTHTC	PPCPAPPELLG	GPSVFLFPPK	250
PKDTLMISRT	PEVTCVVVDV	SHEDPEVKFN	WYVDGVEVHN	AKTKPREEQY	300
NSTYRVVSVL	TVLHQDWLNG	KEYKCKVSNK	ALPAPIEKTI	SKAKGQPREP	350
QVYTLPPSRD	ELTKNQVSLT	CLVKGFYPSD	IAVEWESNGQ	PENNYKTTPP	400
VLDSDGSFFL	YSKLTVDKSR	WQQGNVFSCS	VVHEALHNHY	TQKSLSLSPG	450
K					451

Light chain

EIVLTQSPVT	LSVSPGERVT	LSCRASQSVS	TNLAWYQQKL	GQGPRLLIYG	50'
ASTRADTIPA	RFSGSGSETE	FTLTISSLQS	EDFAVYYCQQ	YDKWPDTFGQ	100'
GTKLEIKRTV	AAPSVFIFPP	SDEQLKSGTA	SVVCLLNNFY	PREAKVQWKV	150'
DNALQSGNSQ	ESVTEQDSKD	STYLSLSTLT	LSKADYEKHK	VYACEVTHQG	200'
LSSPVTKSFN	RGEC				214'

Disulfide bridges

22-96	22''-96''	23-88	23'''-88'''	134'-194'	134'''-194'''
148-204	148''-204''	224-214'	224'''-214'''	230-230''	233-233''
265-325	265'''-325'''	371-429	371''-429''		

Glycosylation sites (N)

Asn-76 Asn-301

MOLECULAR FORMULA $C_{6726}H_{10428}N_{1764}O_{2184}S_{38}$

MOLECULAR WEIGHT 152.1

TRADEMARK None as yet

SPONSOR Eisai, Inc.

CODE DESIGNATIONS MORAb-022

CAS REGISTRY NUMBER 1648796-29-5

UNII

8961SFA7R3

WHO NUMBER

10534

gbk