

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (DE-69) GOSURANEMAB

PRONUNCIATION goe" sur an' e mab

THERAPEUTIC CLAIM Treatment of progressive supranuclear palsy (PSP) and other tauopathies

CHEMICAL NAMES

1. Immunoglobulin G4, anti-(human Tau protein) (human-*Mus musculus* monoclonal BMS-986168 heavy chain), disulfide with human-*Mus musculus* monoclonal BMS-986168 light chain, dimer
2. Immunoglobulin G4-kappa, anti-(human microtubule-associated protein tau); human mouse monoclonal antibody; γ heavy chain (1-444) [human mouse VH (*Mus musculus* IGHV5-6*03 (86%) –(IGHD)-IGHJ4*01 (93%)) [8.8.10] (1-117) -*Homo sapiens* IGHG4*01 {CH1-[P¹⁰]Hinge-CH2-CH3} (118-444)] (131-219')-disulfide with kappa light chain (1'-219') [human mouse V-KAPPA (*Mus musculus* IGKV1-117*01 (89%) –IGKJ1*02 (89%)) [11.3.9] (1'-112') -*Homo sapiens* IGKC*01 (113'-219')] dimer (223-223":226-226")-bisdisulfide

STRUCTURAL FORMULA

Heavy chain

EVHLVESGGA	LVKPGGSLRL	SCAASGFSFS	KYGMSSWRQA	PGKGLEWVAT	50
ISSSGSRTYY	PDSVKGFRFTI	SRDNAKNTLY	LQMNSLRAED	TAMYYSISW	100
DGAMDYWGQG	TTVTVSSAST	KGPSVFPLAP	CSRSTSESTA	ALGCLVKDYF	150
PEPVTVSWNS	GALTSGVHTF	PAVLQSSGLY	SLSSVVTVPS	SSLGKTYTC	200
NVDHKPSNTK	VDKRVESKYG	PPCPPCPAPE	FLGGPSVFLF	PPKPKDTLMI	250
SRTPEVTCVV	VDVSQEDPEV	QFNWYVDGVE	VHNAKTKPRE	EQFNSTYRVV	300
SVLTVLHQDW	LNGKEYKCKV	SNKGLPSSIE	KTISKAKGQP	REPQVYTLPP	350
SQEEMTKNQV	SLTCLVKGFY	PSDIAVEWES	NGQPENNYKT	TPPVLDSDGS	400
FFLYSRLTVD	KSRWQEGNVF	SCSVMHEALH	NHYTQKSLSL	SLGK	444

Light chain

DVVMTQSPLS	LPVTLGQPAS	ISCKSSQSIV	HSNGNTYLEW	YLQKPGQSPQ	50'
LLVYKVSNRF	SGVPPDRFSGS	GSPTDFTLKI	SRVEAEDVGT	YYCFQGS LVP	100'
WAFGGGTKVE	IKRTVAAPSV	FIFPPSDEQL	KSGTASVCL	LNNFYPREAK	150'
VQWKVDNALQ	SGNSQESVTE	QDSKDYSTSL	SSTLTLSKAD	YEKHKVYACE	200'
VTHQGLSSPV	TKSFNRGEC				219'

Disulfide bridges

22-96	22"-96"	3'-93'	23"-93"	139'-199'	139"-199"	144-200	144"-200"
131-219'	131"-219"	223-223"	226-226"	258-318	258"-318"	364-422	364"-422"

Glycosylation sites (N)

Asn-294 Asn-294"

MOLECULAR FORMULA C₆₄₃₄H₉₉₃₀N₁₇₀₆O₂₀₁₄S₄₈ (protein)

MOLECULAR WEIGHT 144.9 kDa (protein)

TRADEMARK None

SPONSOR	Biogen Inc.
CODE DESIGNATIONS	BMS-986168; BIIB092
<u>CAS</u> REGISTRY NUMBER	1788032-39-2
UNII	09FZ7Q0PQZ
WHO NUMBER	10663

gbk