

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (FG-77) CINPANEMAB

PRONUNCIATION sin pan' e mab

THERAPEUTIC CLAIM Treatment of Parkinson's disease

CHEMICAL NAMES

1. Immunoglobulin G1, anti-(human  $\alpha$ -synuclein) (human monoclonal BIIB054  $\gamma$ 1-chain), disulfide with human monoclonal BIIB054  $\kappa$ -chain, dimer
2. Immunoglobulin G1-lambda, anti-(*Homo sapiens* Alpha-synuclein); humanized monoclonal antibody;  $\gamma$ 1 heavy chain (1-442) [*Homo sapiens* VH (IGHV3-25\*03 (86%) –(IGHD)-IGHJ2\*01) [8.10.4] (1-113) -*Homo sapiens* IGHG1\*03 {CH3[K<sup>107</sup>>del(443)]} (114-442)] (216-213')-disulfide with  $\lambda$  light chain (1'-214') [*Homo sapiens* V-LAMBDA (IGLV3-25\*03 (86%) – IGLJ2\*0)[6.3.11] (1'-108') -*Homo sapiens* IGLC2\*01[G<sup>1</sup>>S(109')] (109'-214')], dimer (222-222':225-225'')-bisdisulfide

STRUCTURAL FORMULA

Heavy chain

EVQLVESGGG	LVEPGGSLRL	SCAVSGFDDE	KAWMSWVRQA	PGQGLQWVAR	50
IKSTADGGTT	SYAAPVEGRF	IISRDDSRNM	LYLQMNSLKT	EDTAVYYCTS	100
AHWGQGTIVT	VSSASTKGPS	VFPLAPSSKS	TSGGTAALGC	LVKDYFPEPV	150
TVSWNSGALT	SGVHTFPAVL	QSSGLYSLSS	VVTVPSSSLG	TQTYICNVNH	200
KPSNTKVDKR	VEPKSCDKTH	TCPPCPAPEL	LGGPSVFLFP	PKPKDTLMIS	250
RTPEVTCVVV	DVSHEDPEVK	FNWYVDGVEV	HNAKTKPREE	QYNSTYRVVS	300
VLTVLHQDWL	NGKEYCKKVS	NKALPAPIEK	TISKAKGQPR	EPQVYTLPPS	350
REEMTKNQVS	LTCLVKGFPY	SDIAVEWESN	GQPENNYKTT	PPVLDSDGSF	400
FLYSKLTVDK	SRWQQGNVFS	CSVMHEALHN	HYTQKLSLSL	PG	442

Light chain

SYELTQPPSV	SVSPGQTARI	TCSGEALPMQ	FAHWYQQRPG	KAPVIVVYKD	50'
SERPSGVPER	FSGSSSGTTA	TLTITGVQAE	DEADYQCQSP	DSTNTYEVFG	100'
GGTKLTVLSQ	PKAAPSVTLF	PPSSEELQAN	KATLVCLISD	FYPGAVTVAV	150'
KADSSPVKAG	VETTTPSKQS	NNKYAASSYL	SLTPEQWKSH	RSYSCQVTHE	200'
GSTVEKTVAP	TECS				214'

Disulfide bridges

22'-87'	22'''-87'''	22-98	22''-98''	136'-195'	136'''-195'''	140-196	140''-196''
213'-216	213'''-216'''	222-222''	225-225''	257-317	257'''-317'''	363-421	363''-421''

Glycosylation sites (N)

Asn-293 Asn-293''

MOLECULAR FORMULA C<sub>6294</sub>H<sub>9744</sub>N<sub>1676</sub>O<sub>1990</sub>S<sub>46</sub>

MOLECULAR WEIGHT 142.2 kDa

TRADEMARK None as yet

SPONSOR Biogen Inc.

CODE DESIGNATIONS	BIIB054
<u>CAS</u> REGISTRY NUMBER	2094516-02-4
UNII	W83JGQ40XX
WHO NUMBER	11043

gbk