

December 25, 2013

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (BC-33)	SENREBOTASE
PRONUNCIATION	sen ree' boe tase
THERAPEUTIC CLAIM	Treatment of neuropathic pain, osteoarthritis pain, radicular back pain
CHEMICAL NAMES	

1. Proteinase, metallo- (synthetic nociception receptor-binding)
2. L-methionylglycyl-L-seryl-des-(445-glycine,446-L-tyrosine)-[2-L-glutamic acid,432,442,444,447-tetra-L-aspartic acid]botulinum neurotoxin A precursor 27-L-alanine variant light chain (433-41')-disulfide with [14-L-arginine,15-L-lysine]human nociceptin fusion protein with L-alanyl-L-leucyl-L-alanyltris(tetraglycyl-L-seryl)-[3-L-valine,4-L-leucine,5-L-glutamine-418-L-leucine,419-L-aspartic acid]botulinum neurotoxin A heavy chain-(1-419)-peptide

STRUCTURAL FORMULA

Light chain / Chaîne légère / Cadena ligera

MGSMEFVNKQ	FNYPKDPVNGV	DIAYIKIPNA	GQMOPVKAFK	IHNKIWIPIE	50
RDTFTNPEEG	DLNPPPEAKQ	VPVSYDSTY	LSTDNEKDNY	LKGVTKLFER	100
IYSTDLGRML	LTSIVRGIPF	WGGSTIDTEL	KVIDTNCINV	IQPDGYSRSE	150
ELNLVIIGPS	ADIIQFECKS	FGHEVLNLTR	NGYGSTQYIR	FSPDFTFGFE	200
ESLEVDTNPL	LGAGKFATDP	AVTLAHELIIH	AGHRLYGLIAI	NPNRVFKVNT	250
NAYYEMSGLE	VSFEELRTFG	GHDAKFIDSL	QENEFRLYYY	NKFKDIASSTL	300
NKAKSIVGTT	ASLQYMKNVF	KEYLLSSED	SGKFSVDKLLK	FDKLYKMLTE	350
IYTEDNFVKF	FKVLNRKTYL	NFDKAVFKIN	IVPKVNYTLY	DGFNLRNTNL	400
AANFNGQNT	INNMNFTKLLK	NFTGLFEFYK	LLCVDGIITS	KTKSDDDDK	449

Heavy chain / Chaîne lourde / Cadena pesada

FGGFTGARKS	ARKRKNQALA	GGGSGGGGS	GGGGSALVLQ	CIKVNNDWLF	50'
FSPSEDNFTN	DLNKGEEITS	DTNIEAAEEN	ISLDLIQQYY	LT'FNFDNEPE	100'
NISIEENLSSD	IIGQLELMPN	IERFPNGKKY	ELDKYTMFHY	LRAQEFHEHGK	150'
SRIALTNSVN	EALLNPSRVY	TFFSSDYVKK	VNKATEAAMF	LGWVEQLVYD	200'
FTDETSEVST	TDKIADITII	IPYIGPALNI	GNMLYKDDFV	GALIFSGAVI	250'
LLEFIPEIAI	PVLGTFALVS	YIANKVLTVQ	TIDNALSQRN	EKWDEVYKYI	300'
VTNWLAKVNT	QIDLIRKMKM	EALENQAEAT	KAIINYQYNQ	YTEEEKNNIN	350'
FNIDDLSSKL	NESINKAMIN	INKFLNQCST	SYLMNSMIPY	GVKRLEDFDA	400'
SLKDALLKYI	YDNRGTLIGQ	VDRLLKDKVNN	TLSTDIPFQL	SKYVDNQRL	450'
STLD					454'

Disulfide bridge location / Position du pont disulfure / Posición del puente disulfuro

443-41'

MOLECULAR FORMULA $C_{4628}H_{7159}N_{1181}O_{1402}S_{21}$

MOLECULAR WEIGHT 102.5 kDa

TRADEMARK None as yet

SENREBOTASE

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SPONSOR

Allergan, Inc.

N13

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CODE DESIGNATIONS

AGN-214868; SXN-100323

CAS REGISTRY NUMBER

1290102-81-6

WHO NUMBER

9625

SCS