

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN RimabotulinumtoxinB
 PRONUNCIATION rim" a bot" ue lye' num tox" in bee"
 THERAPEUTIC CLAIM Treatment of cervical dystonia

CHEMICAL NAMES

1. Botulin B
2. Botulinum neurotoxin type B from *Clostridium botulinum* (BoNT/B, EC 3.4.24.69)

STRUCTURAL FORMULA

Light chain

MPVTINNFNY	NDPIDNNNII	MMEPPFARGT	GRIYKAFKIT	DRIWIIPERY	50
TFGYKPEDFN	KSSGIFNRDV	CEYYDPDYLN	TNDKKNIFLQ	TMIKLFNRIK	100
SKPLGEKLE	MIINGIPYLG	DRRVPLEEFN	TNIASVTVNK	LISNPGEVER	150
KKGIFANLII	FGPGPVLNEN	ETIDIGIQNH	FASREGFGGI	MQMKFCPEYV	200
SVFNNVQENK	GASIFNRRGY	FSDPALILMH	ELIHVLHGLY	GIKVDDLPIV	250
PNEKKFFMQS	TDAIQAEELY	TFGGQDPSII	TPSTDKSIYD	KVLQNFGRIV	300
DRLNKVLVCI	SDPNININII	KNKFKDKYKF	VEDSEGKYSI	DVESFDKLYK	350
SLMFGFTETN	IAENYKIKTR	ASYFSDSLPP	VKIKNLLDNE	IYTIEEGFNI	400
SDKDMEKEYR	GQNKAINKQA	YEEISKEHLA	VYKIQMCKSV	K	441

Heavy chain

				APGICIDVD	450
NEDLFFIADK	NSFSDDLKSN	ERIEYNTQSN	YIENDFPINE	LILDSDLISK	500
IELPSENTES	LTDFNVDVPV	YEKQPAIKKI	FTDENTIFQY	LYSQTFPLDI	550
RDISLTSSFD	DALLFSNKVY	SFFSMDYIKT	ANKVVEAGLF	AGWVKQIVND	600
FVIEANKSNT	MDKIADISLI	VPYIGLALNV	GNETAKGNFE	NAFEIAGASI	650
LLEFIPELLI	PVVGAFLES	YIDNKNKIIK	TIDNALTKRN	EKWSDMYGLI	700
VAQWLSTVNT	QFYTIKEGMY	KALNYQAQAL	EEI IKYRYNI	YSEKEKSNIN	750
IDFNDINSKL	NEGINQAIDN	INNFINGCSV	SYLMKKMIPL	AVEKLLDFDN	800
TLKKNLLNYI	DENKLYLIGS	AEYEKSKVNK	YLKTIMPFDL	SIYTNDTILI	850
EMFNKYNSEI	LNNIILNLRV	KDNNLIDLSG	YGAKVEVYDG	VELNDKNQFK	900
LTSSANSKIR	VTQNQNIIFN	SVFLDFSVSF	WIRIPKYKND	GIQNYIHNEY	950
TIINCMKNNS	GWKISIRGNR	IIWTLIDING	KTKSVFFEYN	IREDISEYIN	1000
RWFFVTITNN	LNNAKIYING	KLESNTDIKD	IREVIANGEI	IFKLDGDIDR	1050
TQFIWMKYFS	IFNTELSQSN	IEERYKIQSY	SEYLKDFWGN	PLMYNKEYYM	1100
FNAGNKNSYI	KLKSDSPVGE	ILTRSKYNQN	SKYINYRDLY	IGEKFIIRRK	1150
SNSQSINDDI	VRKEDIYILD	FFNLNQEWRV	YTYKYFKKEE	EKLFLAPISD	1200
SDEFYNTIQI	KEYDEQPTYS	CQLLFKKDEE	STDEIGLIGI	HRFYESGIVF	1250
EEYKDYFCIS	KWYLKEVKRK	PYNLKLGCNW	QFIPKDEGWT	E	1291

Disulfide bridge location
 437-446

MOLECULAR FORMULA

C₆₈₆₉H₁₀₅₄₅N₁₇₁₅O₂₀₃₆S₃₄

MOLECULAR WEIGHT

150.8 kDa

TRADEMARKS

Myobloc®,

MANUFACTURER

Solstice Neurosciences

CODE DESIGNATION

AN0772, BTX-B

CAS REGISTRY NUMBER

93384-44-2