

August 26, 2015

## STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (CD-43)

DAXIBOTULINUMTOXINA

PRONUNCIATION

dax" i bot" ue lye' num tox" in ay"

THERAPEUTIC CLAIM

Treatment of glabellar lines, cervical dystonia, lateral canthal lines, migraine headaches and hyperhidrosis

CHEMICAL NAMES

## 1. Botulinum Neurotoxin Type A

## STRUCTURAL FORMULA

## Light chain

PFVNKQFNY	KDPVNGVDIA	YIKIPNAGQM	QPVKAFKIHN	KIWVIPERDT	50
FTNPEEGDLN	PPPEAKQVPV	SYDSTYLST	DNEKDNYLKG	VTKLFERIYS	100
TDLGRMLLTS	IVRGIPIFWGG	STIDTELKVI	DTNCINVIQP	DGSYRSEELN	150
LVIIGPSADI	IQFECKSFGH	EVLNLTRNGY	GSTQYIRFSP	DFTFGFEESL	200
EVDTNPLLGA	GKFATDPAVT	LAHELIHAGH	RLYGIAINPN	RVFKVNTNAY	250
YEMSGLEVFS	EELRTFGGHD	AKFIDSLQEN	EFRLYYYNKF	KDIASLTNKA	300
KSIVGTTASL	QYMKNVFKEK	YLLSEDTSGK	FSVDKCLKFDK	LYKMLTEIYT	350
EDNFVKFFKV	LNRKTYLNFD	KAVFKINIVP	KVNYTIYDGF	NLRNTNLAAN	400
FRGQNTTEINN	MNFTKLNFT	GLFEFYKLLC	VRGIITSK		438

## Heavy chain

				AL	450
NDLCIKVNNW	DLFFSPSEDN	FTNDLNKGEE	ITSDTNIEAA	EENISLDLIQ	500
QYYLTFNFDN	EPENISIENL	SSDIIGQLEL	MPNIERFPNG	KKYELDKYTM	550
FHYLRAQEFE	HGKSRIALTN	SVNEALLNPS	RVYTFSSDY	VKKVNKATEA	600
AMFLGWVEQL	VYDFTDETSE	VSTTDKIADI	TIIIPYIGPA	LNIGNMLYKD	650
DFVGALIFSG	AVILLEFIPE	IAIPVLGTF	LVSYIANKVL	TVQTIIDNALS	700
KRNEKWDEVY	KYIVTNWLAK	VNTQIDLIRK	KMKEALENQA	EATKAIINYQ	750
YNQYTEEEKN	NINFNIDDL	SKLNEINKA	MININKFLNQ	CSVSYLMNSM	800
IPYGVKRELE	FDASLKDALL	KYIYDNRGTL	IGQVDRCLKDK	VNNTLSTDIP	850
FQLSKYVDNQ	RLSTFTFEYI	KNIINTSILN	LRYESNHLID	LSRYASKINI	900
GSKVNFDPID	KNQIQLFNLE	SSKIEVILKN	AIVNSMYEN	FSTSFWIRIP	950
KYFNSISLNN	EYTIINCMEN	NSGKWVSLNY	GEIIWTLQDT	QEIKQRVVF	1000
YSQMINISDY	INRWIFVTIT	NNRLNNSKIY	INGRLIDQKP	ISNLGNIHAS	1050
NNIMFKLDGC	RDTHRYIWIK	YFNLFDKELN	EKEIKDLYDN	QSNSGILKDF	1100
WGDYLQYDKP	YYMLNLYDPN	KYVDVNNVGI	RGYMYLKGPR	GSVMTTNIYL	1150
NSSLYRGTKF	I IKKYASGNK	DNIVRNNDRV	YINVVVKNKE	YRLATNASQA	1200
GVEKILSALE	IPDVGNLSQV	VVMKSKNDQG	ITNCKMNLQ	DNNGNDIGFI	1250
GFHQFNNAIK	LVASNWYNRQ	IERSRITLGC	SWEFIPVDDG	WGERPL	1296

## Disulfide bridges location

430-454 1235-1280

MOLECULAR FORMULA

 $C_{6708}H_{10359}N_{1729}O_{1995}S_{32}$ 

MOLECULAR WEIGHT

148.2 kDa

TRADEMARK

None as yet

SPONSOR ReVance Therapeutics

CODE DESIGNATIONS RTT150

CAS REGISTRY NUMBER 93384-43-1

UNII E211KPY694

SCS