

July 30, 2014

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (ZZ-114)

OBILTOXAXIMAB

PRONUNCIATION

oh" bil tox ax' i mab

THERAPEUTIC CLAIM

Treatment of exposure to *Bacillus anthracis* spores

CHEMICAL NAMES

1. Immunoglobulin G1, anti-(*Bacillus anthracis* anthrax protective antigen) (human-*Mus musculus* monoclonal ETI-204 heavy chain), disulfide with human-*Mus musculus* monoclonal ETI-204 κ -chain, dimer

STRUCTURAL FORMULA

Heavy chain

QVQLQQSGPE	LKKPGASVKV	SCKDSGYAFS	SSWMNWRQA	PGQGLEWIGR	50
IYPGDGDTNY	NGKFGQGRVTI	TADKSSSTAY	MELSSLRSED	TAVYFCARSG	100
LLRYAMDYWG	QGTLVTVSSA	STKGPSVFPL	APSSKSTSGG	TAALGCLVKD	150
YFPEPVTVSW	NSGALTSGVH	TFFPAVLQSSG	LYSLSSVVTV	PSSSLGTQTY	200
ICNVNHKPSN	TKVDKKVEPK	SCDKTHTCPP	CPAPELLGGP	SVFLFPPKPK	250
DTLMISRTP	VTCVVDVSH	EDPEVKFNWY	VDGVEVHNAK	TKPREEQYNS	300
TYRVVSVLTV	LHQDWLNGKE	YKCKVSNKAL	PAPIEKTISK	AKGQPREPQV	350
YTLPPSRDEL	TKNQVSLTCL	VKGFYPSDIA	VEWESNGQPE	NNYKTTTPVL	400
DSDGSFFFLYS	KLTVDKSRWQ	QGNVFSCSV	HEALHNHYTQ	KSLSLSPGK	449

Light chain

DIQMTQSPSS	LSASVGDRV	ITCRASQDIR	NYLNWYQQK	GKAVKLLIYY	50'
TSRLLPGVPS	RFSGSGSGTD	YSLTISSQEQ	EDIGTYFCQQ	GNTLPWTFGQ	100'
GTKVEIRRTV	AAPSVFIFPP	SDEQLKSGTA	SVVCLLNNFY	PREAKVQWKV	150'
DNALQSGNSQ	ESVTEQDSKD	STYLSSTLT	LSKADYEKHK	VYACEVTHQG	200'
LSSPVTKSFN	RGEC				214'

Disulfide bridges

22-96	22"-96"	23-88'	23'''-88'''	134'-194'	134'''-194'''	146-202	146"-202"
214'-222	214'''-222'''	228-228"	231-231"	263-323	263"-323"	369-427	269"-427"

Glycosylation sites (N)

Asn-299 Asn-299"

MOLECULAR FORMULA

 $C_{6444}H_{9994}N_{1734}O_{2022}S_{44}$

MOLECULAR WEIGHT

145.5 kDa (peptide)

TRADEMARK

Anthem

SPONSOR

Elusys Therapeutics, Inc.

CODE DESIGNATIONS

ETI-204

CAS REGISTRY NUMBER

1351337-07-9

UNII

29Z5DNL48C

WHO NUMBER 9828

gbk