

April 27, 2016

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (DE-34)	VOBARILIZUMAB
PRONUNCIATION	voe bar" i liz' ue mab
THERAPEUTIC CLAIM	Treatment of inflammatory autoimmune diseases

CHEMICAL NAMES

1. Immunoglobulin, anti-(human interleukin 6 receptor/human serum albumin)(human-Lama glama heavy chain variable region fragment) fusion protein with peptide (synthetic 9-amino acid linker) fusion protein with immunoglobulin, anti-(human interleukin 6 receptor/human serum albumin)(human-Lama glama heavy chain variable region fragment)
2. Immunoglobulin scFv VH-VH', anti-[Homo sapiens IL6R (interleukin 6 receptor, IL-6R, CD126)] and anti-[Homo sapiens ALB (albumin, human serum albumin, HSA)], humanized monoclonal antibody bispecific single chain; scFv (1-245) [humanized VH anti-IL6R (Homo sapiens IGHV3-66*01 (83.30%) - (IGHD) -IGHJ4*01) [8.7.15] (1- 121) -9-mer tetraglycyl-seryl-triglycyl-seryl linker (122-130) -humanized VH' anti-ALB (Homo sapiens IGKV3-23*04 (89.60%) -(IGHD) -IGHJ1*01) [8.8.9] (131-245)]

STRUCTURAL FORMULA

EVQLVESGGG	LVQPGGSLRL	SCAASGSVFK	INVMAWYRQA	PGKGRELVAG	50
IISGGSTSYA	DSVKGRFTIS	RDNAKNTLYL	QMNSLRPEDT	AVYYCAFITT	100
ESDYDLGRRY	WGQGLVTVS	SGGGSGGGGS	EVQLVESGGG	LVQPGNSLRL	150
SCAASGFDFS	SFGMSWVRQA	PGKLEWVSS	ISGSGSDTLY	ADSVKGRFTI	200
SRDNAKTTL	LQMNSLRPED	TAVYYCTIGG	SLSRSSQGT	Y L VTVSS	247

Disulfide bridges

23-104 22-95 152-226

Glycosylation sites (N)

None

MOLECULAR FORMULA	$C_{1118}H_{1757}N_{315}O_{364}S_8$
MOLECULAR WEIGHT	256.9 kDa
TRADEMARK	None as yet
SPONSOR	Ablynx NV
CODE DESIGNATIONS	ALX0061
<u>CAS</u> REGISTRY NUMBER	1628814-88-9

UNII 9OD8ISS64U

WHO NUMBER 10210

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