

# STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (JK-118) ZIRCONIUM Zr 89 CREFMIRLIMAB BERDOXAM

PRONUNCIATION zir koe' nee um kref mir' li mab ber dox' am

THERAPEUTIC CLAIM Imaging agent

## CHEMICAL NAME

Immunoglobulin, anti-(human CD8a antigen) (human-Mus musculus monoclonal IAB22M2C  $\kappa$ -chain V-J region) fusion protein with peptide linker (GSTSGGGSGGGSGGGSS) fusion protein with immunoglobulin anti-(human CD8a antigen) (human-Mus musculus monoclonal IAB22M2C heavy chain V-D-J region) fusion protein with immunoglobulin G1 (synthetic  $\gamma$ 1-chain hinge region) fusion protein with peptide linker (GGGSSGGGSG) fusion protein with immunoglobulin G1 [de-C-terminal lysine] (human  $\gamma$ 1-chain CH3 region), dimer, N6-[[[4-[[8,19,30-tri(hydroxy- $\kappa$ O)-9,20,31-tri(oxo- $\kappa$ O)-12,23-dioxo-1-thioxo-2,8,13,19,24,30-hexaazadotriacont-1-yl]amino]phenyl]amino]thioxomethyl]-L-lysine, complex with zirconium-89Zr (Source: CAS)

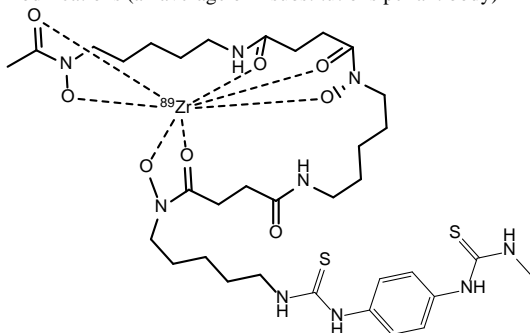
## STRUCTURAL FORMULA

Heavy chain (X, X')					
DVQITQSPSS	LSASVGDVRT	ITCRTSRSSIS	QYLAWYQQKP	GKVPKLLIYS	50
GSTLQSGVPS	RFSGSGSGTD	FTLTISLQ	EDVATYQCQ	HNENPLTFGG	100
GTKVEIKGST	SGGSGGGSG	GGGSSEQLV	ESGGGLVQPG	GSLRLSCAAS	150
GFNIKDTYIH	FVRQAPGKGL	EWIGRIDPAN	DNTLYASKFQ	GKATISADTS	200
KNTAYLQMNS	LRAEDTAVYY	CGRGYGYVVF	DHWGQGTTLVT	VSSEPKSSDK	250
THTCPPCPPC	GGGSSGGGSG	GQPREPQVYT	LPPSREEMTK	NQVSLTCLVK	300
GFYPSDIAVE	WESNGQPENN	YKTTTPVLDS	DGSFFLYSKL	TVDKSRWQQG	350
NVDFCSVMHE	ALHNHYTQKS	LSLSPG			376

Disulfide bridges  
 22-88    22'-88'    147-221    147'-221'    254-254'    257-257'    260-260'    297-355  
 297'-355''

Glycosylation sites (N)  
 none

Modifications (an average of 2 substitutions per antibody)



MOLECULAR FORMULA Not determined

MOLECULAR WEIGHT Not determined

TRADEMARK None as yet

SPONSOR	ImaginAb
CODE DESIGNATIONS	None as yet
<u>CAS</u> REGISTRY NUMBER	2377668-38-5
UNII	J6AJI0OZ1O
WHO NUMBER	12138

gbk