

December 25, 2013

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

USAN (AB-67) EMIBETUZUMAB

PRONUNCIATION em" i be tooz' ue mab

THERAPEUTIC CLAIM Antineoplastic

## CHEMICAL NAMES

1. Immunoglobulin G4, anti-(human hepatocyte growth factor receptor) (human-*Mus musculus* monoclonal LY2875358  $\gamma$ 4-chain), disulfide with human-*Mus musculus* monoclonal LY2875358  $\kappa$ -chain, dimer

## STRUCTURAL FORMULA

## Heavy chain

<u>Q</u> VQLVQSGAE	VKKPGASVKV	SCKASGYTFT	DYYMHWVRQA	PGQGLEWMGR	50
VNPNRRGTTY	NQKFEGRVTM	TTDTSTSTAY	MELRSLRSD	TAVYYCARAN	100
WLDYWGQGT	VTVSSASTKG	PSVFPLAPCS	RSTSESTAAL	GCLVKDYFPE	150
PVTVSWNSGA	LTSGVHTFPA	VLQSSGLYSL	SSVVTVPSSS	LGTKTYTCNV	200
DHKPSNTKVD	KRVESKYGPP	CPPCPAPEAA	GGPSVFLFPP	KPKDTLMISR	250
TPEVTCVVVD	VSQEDPEVQF	NWYVDGVEVH	NAKTKPREEQ	FNSTYRVVSV	300
LTVLHQDWLN	GKEYKCKVSN	KGLPSSIEKT	ISKAKQPRE	PQVYTLPPSQ	350
EEMTKNQVSL	TCLVKGFYPS	DIAVEWESNG	QPENNYKTP	PVLDSGGSFF	400
LYSRLTVDK	RWQEGNVFSC	SVMHEALHNH	YTQKSLSLSL	G	441

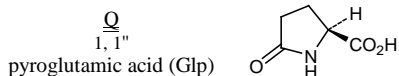
## Light chain

DIQMTQSPSS	LSASVGRVT	ITCSVSSSVS	SIYLHWYQQK	PGKAPKLLIY	50'
STSNLASGVP	SRFSGSGSGT	DFTLTISSLQ	PEDFATYYCQ	VYSGYPLTFG	100'
GGTKVEIKRT	VAAPSVFIFP	PSDEQLKSGT	ASVVCLLNMF	YPREAKVQWK	150'
VDNALQSGNS	QESVTEQDSK	DSTYLSSTL	TLSKADYEKH	KVYACEVTHQ	200'
GLSSPVTKSF	NRGEC				215'

## Disulfide bridges

22-96	22"-96"	23'-89'	23"'-89'"	129-215'	129"-215'"	135'-195'	135"'-195'"
142-198	142"-198"	221-221"	224-224"	256-316	256"-316"	362-420	362"-420"

## Modified residues



## Glycosylation sites (N)

Asn-292 Asn-292"

MOLECULAR FORMULA  $C_{6356}H_{9810}N_{1694}O_{2014}S_{48}$ 

MOLECULAR WEIGHT 143.7 kDa

TRADEMARK None as yet

SPONSOR Eli Lilly &amp; Company

CODE DESIGNATIONS LY2875358

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CAS REGISTRY NUMBER      1365287-97-3

WHO NUMBER                    9932

gbk