

# STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (HI-251) LILOTOMAB  
 PRONUNCIATION lil" oh toe' mab  
 THERAPEUTIC CLAIM Antineoplastic

## CHEMICAL NAMES

1. Immunoglobulin G1, anti-(human CD antigen CD37) (Mus musculus monoclonal HH1 heavy chain), disulfide with Mus musculus monoclonal HH1 light chain, dimer (Source: CAS)
2. immunoglobulin G1-kappa, anti-[*Homo sapiens* CD37(TSPAN26, tetraspanin-26)], *Mus musculus* monoclonal antibody; gamma1 heavy chain (1-443) [*Mus musculus* VH (IGHV1S135\*01 (96.90%) -(IGHD)-IGHJ4\*01) [8.8.12] (1- 119) - IGHG1\*01 (CH1 E84>Q (177), P95>T (193), R96>W (194) (120-216), hinge (217-229), CH2 (230-336), CH3 N84.2>D (395), N84.4>D (397) (337-441), CHS (442-443)) (120-443)], (221-214')-disulfide with kappa light chain (1'-214') [*Mus musculus* V-KAPPA (IGKV6-25\*01 (93.70%) - IGKJ4\*01) [6.3.9] (1'-107') -IGKC\*01 (108'-214')]; dimer (223-223":226-226":228-228")-trisulfide (Source: WHO pINN list 122)

## STRUCTURAL FORMULA

### Heavy chain

EIQLQQSGPE	LVKPGASVKV	SCKASGYSFT	DYNMYWVKQS	HGKSLEWIGY	50
IDPYNGDTTY	NQKFKGKATL	TVDKSSSTAF	IHLNSLTSED	SAVYYCARSP	100
YGHYAMDYWG	QGTSVTVSSA	KTTTPPSVYPL	APGSAAQTNS	MVTLGCLVKG	150
YFPEPVTVTW	NSGSLSSGVH	TFPAVLQSDL	YTLSSSVTVP	SSTWPSETVT	200
CNVAHPASST	KVDKKIVPRD	CGCKPCICTV	PEVSSVFIFP	PKPKDVLITIT	250
LTPKVTTCVVV	DISKDDPEVQ	FSWVVDDEV	HTAQTQPREE	QFNSTFRSVS	300
ELPIMHQDWL	NGKEFKCRVN	SAAFPAPIEK	TISKTKGRPK	APQVYTIPPP	350
KEQMAKDKVS	LTCMITDFFP	EDITVEWQWN	GQPAENYKNT	QPIMDTDGSY	400
FVYSKLVNQK	SNWEAGNTFT	CSVLHEGLHN	HHTEKSLSHS	PGK	443

### Light chain

DIVMTQSHKL	LSTSVGDRVS	ITCKASQDVS	TAVDWYQQKP	GQSPKLLINW	50'
ASTRHTGVDP	RFTGSGSGTD	YTLTISSMQA	EDLALYCRQ	HYSTPFTFGS	100'
GTKLEIKRAD	AAPTVSIFPP	SSEQLTSGGA	SVVCFLNNFY	PKDINVKWKI	150'
DGSERQNGVL	NSWTDQSDKD	STYSMSSTLT	LTKDEYERHN	SYTCEATHKT	200'
STSPIVKSFN	RNEC				214'

### Disulfide bridges

22-96	22"-96"	23'-88'	23""-88""	134'-194'	134""-194""
146-201	146"-201"	214'-221'	214""-221""	223-223"	226-226"
228-228"	257-317	257"-317"	363-421	363"-421"	

### Glycosylation sites (N)

Asn-293 Asn-293"

MOLECULAR FORMULA C<sub>6442</sub>H<sub>9862</sub>N<sub>1696</sub>O<sub>2028</sub>S<sub>54</sub> (peptide)

MOLECULAR WEIGHT 145.2 kDa

TRADEMARK None as yet

SPONSOR	Nordic Nanovector ASA
CODE DESIGNATIONS	HH1
<u>CAS</u> REGISTRY NUMBER	1453362-55-4
UNII	58I6YNR7BV
WHO NUMBER	10071

gbk