

# STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (JK-94) SINTILIMAB  
 PRONUNCIATION sin til' i mab  
 THERAPEUTIC CLAIM Treatment of cancer

## CHEMICAL NAMES

1. Immunoglobulin G4, anti-(human programmed cell death protein 1) (human monoclonal IBI308  $\gamma$ 4-chain), disulfide with human monoclonal IBI308  $\kappa$ -chain, dimer (Source: CAS)
2. Immunoglobulin G4-kappa, anti-(*Homo sapiens* Programmed cell death protein 1 (Protein PD-1; CD279 antigen)); *Homo sapiens* monoclonal antibody;  $\gamma$ 4 heavy chain (1-447) [*Homo sapiens* VH (IGHV1-69\*15 (94%) –(IGHD)-IGHJ4\*01) [8.8.13] (1-120) -*Homo sapiens* IGHG4\*01 {hinge[S<sup>10</sup>>P(228)]} (121-447)] (134-214')-disulfide with  $\kappa$  light chain (1'-214') [*Homo sapiens* V-KAPPA (IGKV1-12\*01 (97%) –IGKJ4\*01 (92%))[6.3.9] (1'-107') -*Homo sapiens* IGKC\*01 (108'-214')], dimer (226-226":229-229")-bisdisulfide (Source: USAN Program Chemical Consultant)

## STRUCTURAL FORMULA

### Heavy chains X & X''

QVQLVQSGAE	VKKPGSSVKV	SCKASGGTFS	SYAISWVRQA	PGQGLEWMGL	50
IIPMFDTAGY	AQKFQGRVAI	TVDESTSTAY	MELSSLRSED	TAVYYCARAE	100
HSSTGTFDYW	GQGTLVTVSS	ASTKGPSVFP	LAPCSRSTSE	STAALGCLVK	150
DYFPEPVTVS	WNSGALTSKV	HTFPAVLQSS	GLYSLSSVVT	VPSSSLGTKT	200
YTCNVDHKPS	NTKVDKRVES	KYGPCCPPCP	APEFLGGPSV	FLFPPKPKDT	250
LMISRTPEVT	CVVVDVQED	PEVQFNWYVD	GVEVHNAKTK	PREEQFNSTY	300
RVVSVLTVLH	QDWLNGKEYK	CKVSNKGLPS	SIEKTISKAK	GQPREPQVYT	350
LPSPQSEEMTK	NQVSLTCLVK	GFYPSDIAVE	WESNGQPENN	YKTTTPVLDS	400
DGSFFLYSRL	TVDKSRWQEG	NVFSCSVMHE	ALHNHYTQKS	LSLSLGK	447

### Light chains X' & X'''

DIQMTQSPSS	VSASVGDRVT	ITCRASQGIS	SWLAWYQQKP	GKAPKLLISA	50'
ASSLQSGVPS	RFSGSGSGTD	FTLTISSLQP	EDFATYYCQQ	ANHLPTTFGG	100'
GTKVEIKRTV	AAPSVFIFPP	SDEQLKSGTA	SVVCLLNNFY	PREAKVQWKV	150'
DNALQSGNSQ	ESVTEQDSKD	STYLSSTLT	LSKADYEKHK	VYACEVTHQG	200'
LSSPVTKSFN	RGEC				214'

### Disulfide bridges location

22-96	22"-96"	23'-88'	23'''-88'''	134'-194'	134'''-194'''	134-214'	134"-214"
147-203	147"-203"	226-226"	229-229"	261-321	261"-321"	367-425	367"-425"

### Glycosylation sites (N) / Sites de glycosylation (N) / Posiciones de glicosilación (N)

Asn-297 Asn-297"

MOLECULAR FORMULA C<sub>6368</sub>H<sub>9854</sub>N<sub>1690</sub>O<sub>2014</sub>S<sub>46</sub>

MOLECULAR WEIGHT 143.80 kDa

TRADEMARK TYVYT

SPONSOR	Eli Lilly & Co.
CODE DESIGNATIONS	IBI308
<u>CAS</u> REGISTRY NUMBER	2072873-06-2
UNII	8FU7FQ8UPK
WHO NUMBER	10801

gbk