

# STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (HI-183) COSIBELIMAB

PRONUNCIATION koe" si bel' i mab

THERAPEUTIC CLAIM Antineoplastic

## CHEMICAL NAMES

1. Immunoglobulin G1, anti-(human programmed death-ligand 1) (human monoclonal CK-301  $\gamma$ 1-chain), disulfide with human monoclonal CK-301  $\lambda$ -chain, dimer (Source: CAS)
2. Immunoglobulin G1-lambda, anti-(*Homo sapiens* Programmed cell death 1 ligand 1 (PD-L1, CD274 antigen)); human monoclonal antibody;  $\gamma$ 1 heavy chain (1-450) [*Homo sapiens* VH (IGHV1-69\*01 (94%) –(IGHD)-IGHJ1\*01) [8.8.13] (1-120) -*Homo sapiens* IGHG1\*01 (121-450)] (223-217')-disulfide with  $\lambda$  light chain (1'-218') [*Homo sapiens* V-LAMBDA (IGLV6-57\*03 (98%) – IGLJ2\*01 (92%)) [8.3.11] (1'-112') -*Homo sapiens* IGLC2\*01 (113'-218')], dimer (229-229":232-232")-bisdisulfide

## STRUCTURAL FORMULA

### Heavy chain X & X''

EVQLVQSGAE	VKKPGSSVKV	SCKASGGTFS	RSAISWVRQA	PGQGLEWMGV	50
IIPAFGEANY	AQKFQGRVTI	TADESTSTAY	MELSSLRSED	TAVYYCARGR	100
QMFGAGIDFW	GQGTLVTVSS	ASTKGPSVFP	LAPSSKSTSG	GTAALGCLVK	150
DYFPEPVTVS	WNSGALTSKV	HTFPAVLQSS	GLYSLSSVVT	VPSSSLGTQT	200
YICNVNHKPS	NTKVDKKEVP	KSCDKTHTCP	PCPAPELLGG	PSVFLFPPKP	250
KDTLMISRTP	EVTCVVVDVS	HEDPEVKFNW	YVDGVEVHNA	KTKPREEQYN	300
STYRVVSVLT	VLHQDWLNGK	EYKCKVSNKA	LPAPIEKTIS	KAKGQPREPQ	350
VYTLPPSRDE	LTKNQVSLTC	LVKGFYPSDI	AVEWESNGQP	ENNYKTTTPV	400
LDSDGSFFLY	SKLTVDKSRW	QQGNVFSCSV	MHEALHNHYT	QKSLSLSPGK	450

### Light chain X' & X'''

NFMLTQPHSV	SESPGKTVTI	SCTRSSGSID	SNYVQWYQQR	PGSAPTTVIY	50'
EDNQRPSGVP	DRFSGSIDSS	SNSASLTISG	LKTEDEADYY	CQSYDSNNRH	100'
VIFGGGTKLT	VLGQPKAAPS	VTLFPPSSEE	LQANKATLVC	LISDFYPGAV	150'
TVAWKADSSP	VKAGVETTPP	SKQSNKYYAA	SSYLSLTPEQ	WKSHRSYSCQ	200'
VTHEGSTVEK	TVAPTECS				218'

### Disulfide bridges location

22-96	22'-91'	22''-96''	22'''-91'''	140'-199'	140'''-199'''	147-203	147''-203''
217-223	217''-223''	229-229''	232-232''	264-324	264''-324''	370-428	370''-428''

### Glycosylation sites (N)

Asn-300 Asn-300''

MOLECULAR FORMULA  $C_{6388}H_{9912}N_{1716}O_{2032}S_{44}$  . (non glycosylated)

MOLECULAR WEIGHT 147.31 kDa

TRADEMARK None as yet

SPONSOR Checkpoint Therapeutics Inc.

CODE DESIGNATIONS	CK-301, TG-1501
<u>CAS</u> REGISTRY NUMBER	2216751-26-5
UNII	PNW7GBB44P
WHO NUMBER	11107

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