

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (HI-18) DANBURSTOTUG

PRONUNCIATION dan burs' toe tug

THERAPEUTIC CLAIM Antineoplastic

CHEMICAL NAME

Immunoglobulin G1, anti-(human programmed death-ligand 1) (human monoclonal STI-3031 γ 1-chain), disulfide with human monoclonal STI-3031 λ -chain, dimer (Source: CAS)

STRUCTURAL FORMULA

Heavy chain X, X''

QMQLVQSGAE	VKKPGSSVKV	SCKASGGTFS	SYAYSWVRQA	PGQGLEWMGG	50
IIPSFGTANY	AQKFQGRVTI	TADESTSTAY	MELSSLRSED	TAVYYCARGP	100
IVATITPLDY	WGQGLVTVTS	SASTKGPSVF	PLAPSSKSTS	GGTAALGCLV	150
KDYFPEPVTV	SWNSGALTSG	VHTFPAVLQS	SGLYSLSSVV	TVPSSSLGTQ	200
TYICNVNHKP	SNTKVDKKVE	PKSCDKTHTC	PPCPAPELLG	GPSVFLFPPK	250
PKDTLMISRT	PEVTCVVVDV	SHEDPEVKFN	WYVDGVEVHN	AKTKPREEQY	300
NSTYRVVSVL	TVLHQDWLNG	KEYKCKVSNK	ALPAPIEKTI	SKAKGQPREP	350
QVYTLPPSRD	ELTKNQVSLT	CLVKGFYPSD	IAVEWESNGQ	PENNYKTTTP	400
VLDSQGSFFL	YSKLTVDKSR	WQQGNVFS	VMHEALHNHY	TQKSLSLSPG	450
K					451

Light chain X', X'''

SYVLTQPPSV	SVAPGKTATI	ACGGENIGRK	TVHWYQQKPG	QAPVLIYYD	50'
SDRPSGIPER	FSGNSNGNTA	TLTISRVEAG	DEADYYCLVW	DSSSDHRIFG	100'
GGTKLTVLQ	PKAAPSVTLF	PPSSEELQAN	KATLVCLISD	FYPGAVTVAW	150'
KADSSPVKAG	VETTTPSKQS	NNKYAASSYL	SLTPEQWKSH	RSYSCQVTHE	200'
GSTVEKTVAP	TECS				214'

Disulfide bridges

22'-87'	22'''-87'''	22-96	22''-96''	136'-195'	136''-195''	148-204	148''-204''
213'-224	213'''-224'''	230-230''	233-233''	265-325	265''-325''	371-429	371''-429''

Glycosylation sites (N)

301 301''

MOLECULAR FORMULA $C_{6380}H_{9914}N_{1692}O_{1997}S_{42}$

MOLECULAR WEIGHT 143.6 kDa

TRADEMARK None as yet

SPONSOR Sorrento Therapeutics Inc.

CODE DESIGNATIONS STI-3031

CAS REGISTRY NUMBER 2307144-65-4

UNII F44C4N45HG

WHO NUMBER 12191

gbk