

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (JK-186) PLUTAVIMAB
 PRONUNCIATION ploo tav' i mab
 THERAPEUTIC CLAIM Treatment of SARS-CoV-2 infection
 CHEMICAL NAME

Immunoglobulin G1 [234-alanine,235-alanine], anti-(severe acute respiratory syndrome coronavirus 2 spike glycoprotein receptor-binding domain) (human monoclonal STI-2020 γ 1-chain), disulfide with human monoclonal STI-2020 κ -chain, dimer (Source: CAS)

STRUCTURAL FORMULA

Heavy chain

EVQLVESGGG	LIQPGGSLRL	SCAASGFTVS	SNYMSWVRQA	PGKGLEWVSI	50
IYPGGSTEYA	DSVKGRFTIS	RDNSRNTLYL	QMNSLRAEDT	AVYYCARELG	100
YYGMDVWGQG	TTVTVSSAST	KGPSVFLPLAP	SSKSTSGGTA	ALGCLVKDYF	150
PEPVTVSWNS	GALTSVHTF	PAVLQSSGLY	SLSSVVTVPS	SSLGTQTYIC	200
NVNHKPSNTK	VDKRVEPKSC	DKHTCPCPCP	APEAAGGPSV	FLFPPKPKDT	250
LMISRTP EVT	CVVVDVSHED	PEVKFNWYVD	GVEVHNAKTK	PREEQYNSTY	300
RVVSVLTVLH	QDWLNGKEYK	CKVSNKALPA	PIEKTISKAK	GQPREPQVYT	350
LPPSREEMTK	NQVSLTCLVK	GFYPSDIAVE	WESNGQPENN	YKTPPVLDL	400
DGSFFLYSKL	TVDKSRWQQG	NVFSQSVME	ALHNHYTQKS	LSLSPGK	447

Light chain

DIQMTQSPSS	VSASVGDRTV	ITCRASQGIS	TWLWVYQQKP	GKAPNLLIYG	50'
ASSLQSGVPS	RFSGSGSGTD	FLLTISSLQP	EDFATYYCQQ	ANAYPYTFGQ	100'
GTKLEIKRTV	AAPSVFIFPP	SDEQLKSGTA	SVVCLLNNFY	PREAKVQWKV	150'
DNALQSGNSQ	ESVTEQDSKD	STYLSSTLT	LSKADYEKHK	VYACEVTHQG	200'
LSSPVTKSFN	RGEC				214'

Disulfide bridges

22-95	22''-95''	23'-88'	23'''-88'''	134'-194'	134'''-194'''	144-200	144''-200''
214'-220	214''-220''	226-226''	229-229''	261-321	261''-321''	367-425	367''-425''

Glycosylation sites (N)

297 297''

MOLECULAR FORMULA $C_{6372}H_{9888}N_{1706}O_{2007}S_{46}$
 MOLECULAR WEIGHT 143.9 kDa
 TRADEMARK COVI-AMG
 SPONSOR Sorrento Therapeutics, Inc.
 CODE DESIGNATIONS STI-2020
 CAS REGISTRY NUMBER 2529854-88-2
 UNII 12U14K0SR5

WHO NUMBER

12159*

*INN review of the name is pending

gbk