STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

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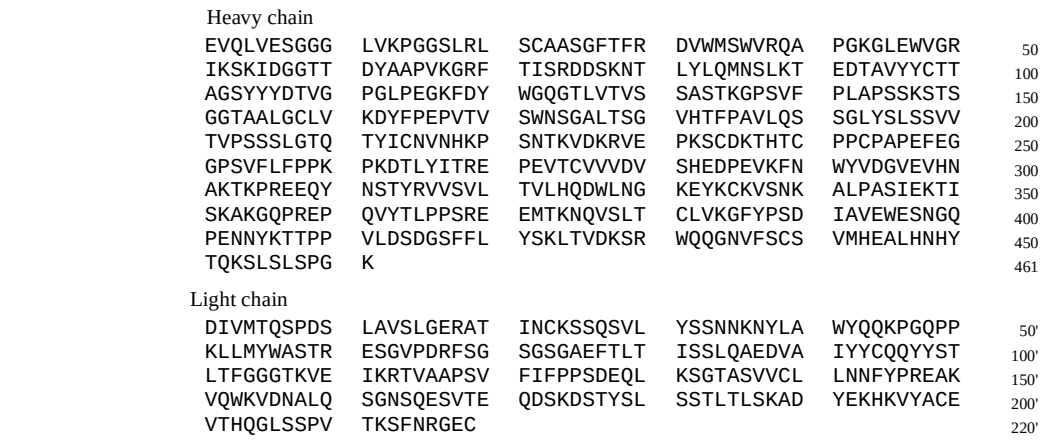
|---|---|
| USAN (JK-65) | CILGAVIMAB |
| PRONUNCIATION | sil gav' i mab |
| THERAPEUTIC CLAIM | Treatment and prevention of SARS-CoV-2 infection |

CHEMICAL NAMES

1. Immunoglobulin G1 [248-threonine,249-methionine,316-tyrosine,318-threonine,320-glutamic acid], anti-(severe acute respiratory syndrome coronavirus 2 spike glycoprotein receptor-binding domain) (human monoclonal AZD1061 γ1-chain), disulfide with human monoclonal AZD1061 κ-chain, dimer (Source: CAS)

2. Immunoglobulin G1-kappa, anti-[*Homo sapiens* severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) spike (S) protein, receptor binding domain (RBD)], *Homo sapiens* monoclonal antibody; gamma1 heavy chain *Homo sapiens* (1-461) [VH (*Homo sapiens* IGHV3-15*01 (96.0%) -(IGHD) -IGHJ4*01 (100%)) CDR-IMGT [8.10.22] (26-33.51-60.99-120) (1-131) -*Homo sapiens* IGHG1*03 G1m3, nG1m1, G1v21 CH2 Y15.1, T16, E18, G1v39 CH2 F1.3, E1.2, S116 (CH1 R120 (228) (132-229), hinge 1-15 (230-244), CH2 L1.3>F (248), L1.2>E (249), M15.1>Y (266), S16>T (268), T18>E (270), P116>S (345) (245-354), CH3 E12 (370), M14 (372) (355-459), CHS (460-461)) (132-461)], (234-219')-disulfide with kappa light chain *Homo sapiens* (1'-219') [V-KAPPA (*Homo sapiens* IGKV4-1*01 (96.0%) -IGKJ4*01 (100%)) CDR-IMGT [12.3.8] (27-38.56-58.95-102) (1'-112') -*Homo sapiens* IGKC*01 (100%) Km3 A45.1 (158), V101 (196) (113'-219')]; dimer (240-240'':243-243'')-bisdisulfide, produced in Chinese hamster ovary (CHO) cells, glycoform alfa (Source: WHO, pINN list 124)

STRUCTURAL FORMULA



Disulfide bridges

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 22-98 | 22''-98'' | 23'-94' | 23'''-94''' | 130'-199' | 139'''-199''' | 158-214 | 159''-214'' |
| 234-219' | 234''-219''' | 240-240'' | 243-243'' | 275-335 | 275''-335'' | 381-439 | 381''-439'' |

Glycosylation sites (N)

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|---|---|
| 311 | 311'' |

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|---|---|
| MOLECULAR FORMULA | $C_{6626}H_{10218}N_{1750}O_{2078}S_{44}$ |
| MOLECULAR WEIGHT | 149.1 kDa |
| TRADEMARK | None as yet |
| SPONSOR | AstraZeneca |
| CODE DESIGNATIONS | AZD1061, COV2-2130, 2130 |
| CAS REGISTRY NUMBER | 2420563-99-9 |
| UNII | 1KUR4BN70F |
| WHO NUMBER | 11777 |

gbk