

Product Data Sheet

Product Name: SP 10
 Cat. No.: GC50750

Chemical Properties

Cas. No. 882157-88-2

SMILES O=C(N[C@@H]([C@H](O)C)C(N[C@@H](CO)C(N[C@@H](CCC(N)=O)C(N[C@@H](CCCCN)C(N[C@@H](CO)C(N[C@@H]([C@@H](C)CC)C(N[C@@H](C(C)C)C(N[C@@H](C)C(N[C@@H](CC1=CC=C(C=C1)O)C(N[C@@H]([C@H](O)C)C(N[C@@H](CCSC)C(O)=O)=O)=O)=O)=O)=O)=O)=O)=O)[C@H](CO)N

Formula C₅₆H₉₄N₁₄O₂₀S M.Wt 1315.5

Solubility Storage Store at -20°C

General For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the tips ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Evaluation sample solution : ship with blue ice All other available size: ship with RT , or Condition blue ice upon request.

Structure ~~Ser-Thr-Ser-Gln-Lys-Ser-Ile-Val-Ala-Tyr-Thr-Met~~

Background

Peptide originally derived from SARS-CoV Spike (S) protein; corresponds to amino acid residues 668 to 679. Highly potent inhibitor of SARS-CoV S protein and ACE2 interaction (IC₅₀ = 1.88 nM in biochemical assay). Inhibits interaction of SARS-CoV S protein and Vero E6 cells in vitro. Please note, this peptide displays 80% sequence identity to homologous site on SARS-CoV-2 S-protein (residues 689-697).

Caution: Product has not been fully validated for medical applications. For research use only.

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