

MUC1, mucin core

Cat. No.: HY-P2508
CAS No.: 149205-73-2
Batch No.: 257428
Chemical Name: L-Alanine, glycyL-L-valyl-L-threonyl-L-seryl-L-alanyl-L-prolyl-L- α -aspartyl-L-threonyl-L-arginyl-L-prolyl-L-alanyl-L-prolylglycyl-L-seryl-L-threonyl-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{61}H_{101}N_{19}O_{24}$
Molecular Weight: **1484.70**
Storage: Sealed storage, away from moisture and light, under nitrogen
Powder -80°C 2 years
 -20°C 1 years
* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light, under nitrogen)

Chemical Structure:

GVTSAPDTRPAPGSTA

ANALYTICAL DATA

Appearance: White to off-white (Solid)
MS: Consistent with structure
Purity (HPLC): **98.00%**
Peptide Content (%): 91.7%
Nitrogen Content(N%): 16.45%
Carbon Content(C%): 44.11%
Hydrogen Content(H%): 7.099%
Conclusion: The product has been tested and complies with the given specifications.

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

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