

Product Data Sheet

Product Name: Peptide M

Cat. No.: GC30233

Chemical Properties

Cas. No. 110652-62-5

SMILES Asp-Thr-Asn-Leu-Ala-Ser-Ser-Thr-Ile-Ile-Lys-Glu-Gly-Ile-Asp-Lys-Thr-Val

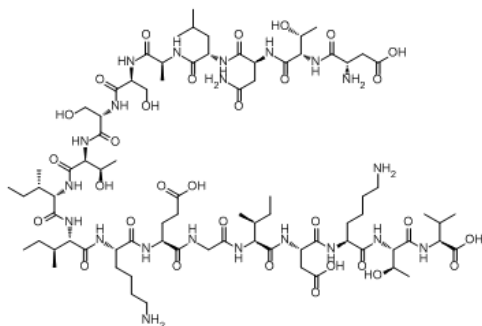
Formula $C_{81}H_{141}N_{21}O_{31}$ M.Wt 1905.11

Solubility DMSO : 100 mg/mL (52.49 mM; Need ultrasonic) Storage Store at -20°C

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

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

Structure



Background

Peptide M is a 50 aa synthetic peptide derived from a streptococcal M protein containing an additional C-terminal cysteine residue. Peptide M binds monomeric and dimeric human IgA of both subclasses (IgA1 and IgA2) with high specificity and affinity.

[1]. Musich T et al. Purification and functional characterization of mucosal IgA from vaccinated and

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

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SIV-infected rhesus macaques. Clin Immunol. 2015 Jun;158(2):127-39.

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