

Product Data Sheet

Product Name: PSM α 2
Cat. No.: GC74338

Chemical Properties

Cas. No. 1092844-32-0

Formula $C_{109}H_{185}N_{25}O_{25}S$ M.Wt 2277.85

Solubility DMSO : 10 mg/mL (4.39 mM; Need ultrasonic) Storage Sealed storage, away from moisture

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

Met-Gly-Ile-Ile-Ala-Gly-Ile-Ile-Lys-Phe-
Ile-Lys-Gly-Leu-Ile-Glu-Lys-Phe-Thr-Gly-
Lys

Background

PSM α 2 is a potent PSM (phenol-soluble modulin) peptide toward mouse neutrophils, led to strong influx of leukocytes.

PSMa2 leads to leukocyte infiltration into mouse air pouches, and this process can be blocked by

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

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WRW4, but not by its scrambled congener www3[1].

References:

[1]. Kretschmer D, et al. Human formyl peptide receptor 2 senses highly pathogenic *Staphylococcus aureus*. *Cell Host Microbe*. 2010 Jun 25;7(6):463-73.

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