
Product Data Sheet

Product Name: Polyphemusin II-Derived Peptide

Cat. No.: GA23374

Chemical Properties

Cas. No. 229030-20-0

Formula $C_{90}H_{141}N_{33}O_{18}S_2$

M.Wt

2037.45

Solubility Soluble in DMSO

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**

Showed the highest inhibitory activity against the T cell line-tropic HIV-1 infection through its specific binding to a chemokine receptor CXCR4 ($IC_{50} = 0.18 \pm 0.041$ nM) and the strongest inhibitory effect on the binding of an anti-CXCR4 monoclonal

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

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