

Product Data Sheet

Product Name: Poterepatide

Cat. No.: GC79207

Chemical Properties

Cas. No. 3058127-20-8

Formula $C_{243}H_{382}N_{52}O_{73}$ M.Wt 5199.94

Solubility DMSO: 50 mg/mL (9.62 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



Background

Poterepatide (HDM1005) is a long-acting GLP-1R/GIPR peptide dual agonist. Poterepatide exhibits potent activity on both GLP-1 and GIP receptors. Poterepatide can be used for the study of obesity

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

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and type 2 diabetes [1].

References:

[1]. YIJUN DU, et al. 142-OR: Safety, Tolerability, Pharmacokinetics (PK), and Pharmacodynamics (PD) of a Dual GLP-1/GIP Receptor Agonist (HDM1005)—A Phase I, Randomized, Double-Blind, Placebo-Controlled, Single and Multiple Dose-Escalation Study. *Diabetes* 2025;74(Supplement_1):142-OR.

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