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

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.