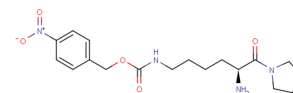


DPP-IV-IN-2

Chemical Properties

CAS No.: 136259-18-2
Formula: C₁₈H₂₆N₄O₅
Molecular Weight: 378.42
Appearance: N/A
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	DPP-IV-IN-2 is an inhibitor of both DP8/9 and dipeptidyl peptidase IV (DPIV) (IC ₅₀ s: 0.1 and 0.95 μM).
Targets(IC ₅₀)	DPIV: 0.1 μM DP8/9: 0.95 μM

Solubility Information

Solubility	DMSO: 125 mg/mL (330.32 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.643 mL	13.213 mL	26.426 mL
5 mM	0.529 mL	2.643 mL	5.285 mL
10 mM	0.264 mL	1.321 mL	2.643 mL
50 mM	0.053 mL	0.264 mL	0.529 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Ansorge S, et al. Novel aspects of cellular action of dipeptidyl peptidase IV/CD26. Biol Chem. 2011 Mar;392(3):153-68.

Inhibitors · Natural Compounds · Compound Libraries

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