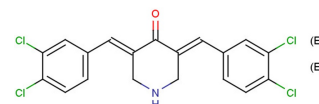


PTP1B-IN-8

Chemical Properties

CAS No.: 919091-61-5
Formula: C₁₉H₁₃Cl₄NO
Molecular Weight: 413.12
Appearance: N/A
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	PTP1B-IN-8 is a potent and selective inhibitor of protein tyrosine phosphatase-1B (PTP1B).
Targets(IC ₅₀)	PTP1B: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.421 mL	12.103 mL	24.206 mL
5 mM	0.484 mL	2.421 mL	4.841 mL
10 mM	0.242 mL	1.21 mL	2.421 mL
50 mM	0.048 mL	0.242 mL	0.484 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. Jin, Yongsheng, et al. 3,5-diaryl-ylidene piperidone derivatives and application thereof in preparing blood glucose-reducing and fat-reducing medicine. CN103626692A.

Inhibitors · Natural Compounds · Compound Libraries

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