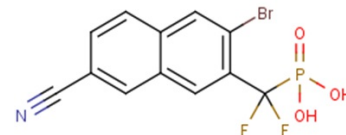


PTP1B-IN-3

Chemical Properties

CAS No.:	809272-64-8
Formula:	C ₁₂ H ₇ BrF ₂ NO ₃ P
Molecular Weight:	362.06
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-3 is a potent and selective inhibitor of PTP1B (PTP1B and TCPTP with IC ₅₀ s of 120 nM and 120 nM , respectively).
Targets(IC ₅₀)	PTP1B: 120 nM TCPTP: 120 nM

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	2.762 mL	13.81 mL	27.62 mL
5 mM	0.552 mL	2.762 mL	5.524 mL
10 mM	0.276 mL	1.381 mL	2.762 mL
50 mM	0.055 mL	0.276 mL	0.552 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. Patel D, .Discovery of orally active, potent, and selective benzotriazole-based PTP1B inhibitors. ChemMedChem. 2011 Jun 6; 6(6):1011-6.

Inhibitors · Natural Compounds · Compound Libraries

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Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481