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**Product Data Sheet**

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Product Name: PTP1B-IN-3

Cat. No.: GC31635

**Chemical Properties**

Cas. No. 809272-64-8

SMILES BrC1=C(C(F)(P(O)(O)=O)F)C=C2C(C=CC(C#N)=C2)=C1Formula C12H7BrF2NO3P M.Wt 362.06

Solubility DMSO : 50 mg/mL (138.10 mM; Need ultrasonic) Storage Store at -20°C

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**

PTP1B-IN-3 is a potent and selective PTP1B inhibitor with IC50s of 120 nM (PTP1B) and 120 nM (TCPTP), respectively.

[1]. Patel D, .Discovery of orally active, potent, and selective benzotriazole-based PTP1B inhibitors. ChemMedChem. 2011 Jun 6; 6(6):1011-6.

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

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