

PTP1B-IN-17

Chemical Properties

CAS No. :

Formula: C₂₆H₁₉N₃O₄S

Molecular Weight: 469.51

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	PTP1B-IN-17 (Compound 45) is a selective benzimidazole derivative with potential as a protein tyrosine phosphatase 1B (PTP1B) inhibitor (K _i : 30.2 μM). PTP1B-IN-17 can be used in the study of type 2 diabetes.
Targets(IC50)	Others,Phosphatase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1299 mL	10.6494 mL	21.2988 mL
5 mM	0.426 mL	2.1299 mL	4.2598 mL
10 mM	0.213 mL	1.0649 mL	2.1299 mL
50 mM	0.0426 mL	0.213 mL	0.426 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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