

PSB-12379 disodium

Chemical Properties

CAS No. :

Formula: C₁₈H₂₁N₅Na₂O₉P₂

Molecular Weight: 559.31

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	PSB-12379 disodium is a nucleotide analogue acting as a potent inhibitor of Ecto-5'-Nucleotidase (CD73), demonstrating inhibitory constants (K _i) of 9.03 nM in rats and 2.21 nM in humans [1] [2].
Targets(IC50)	Others,CD73

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7879 mL	8.9396 mL	17.8792 mL
5 mM	0.3576 mL	1.7879 mL	3.5758 mL
10 mM	0.1788 mL	0.894 mL	1.7879 mL
50 mM	0.0358 mL	0.1788 mL	0.3576 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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