

PSB-0963

Chemical Properties

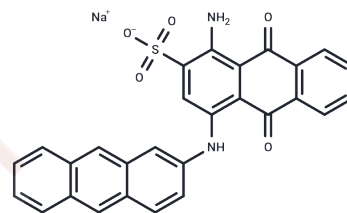
CAS No. : 1213268-73-5

Formula: C₂₈H₁₇N₂NaO₅S

Molecular Weight: 516.50

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-0963 is a selective competitive extracellular 5'-nucleotidase (eN/CD73) inhibitor with a K_i value of 150 nM for rat extracellular 5'-nucleotidase. It exhibits greater selectivity compared to other extracellular nucleotidases (NTPDases 1-3) and P2Y receptors. PSB-0963 is applicable in cancer research.
Targets(IC50)	CD73

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9361 mL	9.6805 mL	19.3611 mL
5 mM	0.3872 mL	1.9361 mL	3.8722 mL
10 mM	0.1936 mL	0.9681 mL	1.9361 mL
50 mM	0.0387 mL	0.1936 mL	0.3872 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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