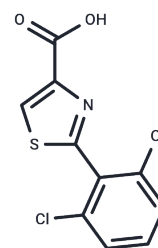


PTCA

Chemical Properties

CAS No. :	871326-47-5
Formula:	C10H5Cl2NO2S
Molecular Weight:	274.123
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	PTCA is a potent ligand for Ca ²⁺ /calmodulin-dependent protein kinase II α (CaMKIIα), with a pKi value of 7.2.
Targets(IC50)	CaMK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.648 mL	18.2402 mL	36.4804 mL
5 mM	0.7296 mL	3.648 mL	7.2961 mL
10 mM	0.3648 mL	1.824 mL	3.648 mL
50 mM	0.073 mL	0.3648 mL	0.7296 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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