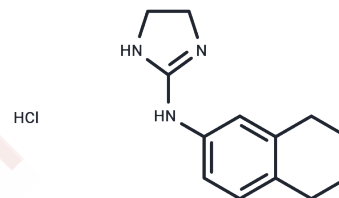


Platelet aggregation-IN-3

Chemical Properties

CAS No. :	1029802-21-8
Formula:	C13H18ClN3
Molecular Weight:	251.755
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	Platelet aggregation-IN-3 (Compound 5) acts as a ligand for H2 histamine receptors, α 2 (A,C)-adrenergic receptors (α 2-AR), and 5-HT2(B,C) serotonin receptors. This compound can inhibit platelet aggregation induced by ADP and collagen, and it also modulates tumor cell-induced platelet aggregation (TCIPA). Platelet aggregation-IN-3 is a promising candidate for anti-platelet therapy in cardiovascular disease and the prevention of cancer-associated thrombosis and tumor metastasis.
Targets(IC50)	5-HT Receptor, Adrenergic Receptor, Histamine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.972 mL	19.8602 mL	39.7204 mL
5 mM	0.7944 mL	3.972 mL	7.9441 mL
10 mM	0.3972 mL	1.986 mL	3.972 mL
50 mM	0.0794 mL	0.3972 mL	0.7944 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481