

SANT 2

Chemical Properties

CAS No. : 329196-48-7

Formula: C₂₆H₂₆ClN₃O₄

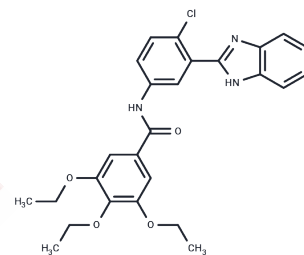
Molecular Weight: 479.96

Storage:

Keep away from direct sunlight, Keep away from moisture, Store at low temperature, Store under nitrogen

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	SANT 2 is a Hedgehog (Hh) signaling pathway antagonist with potential anti-inflammatory and anticancer activity for the study of prostate, pancreatic and breast cancer.
Targets(IC50)	Hedgehog/Smoothened

Solubility Information

Solubility	DMSO: 200 mg/mL (416.7 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0835 mL	10.4175 mL	20.8351 mL
5 mM	0.4167 mL	2.0835 mL	4.167 mL
10 mM	0.2084 mL	1.0418 mL	2.0835 mL
50 mM	0.0417 mL	0.2084 mL	0.4167 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.

Reference

Büttner A, et al. Synthesis and biological evaluation of SANT-2 and analogues as inhibitors of the hedgehog signaling pathway. Bioorg Med Chem. 2009 Jul 15;17(14):4943-54.

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