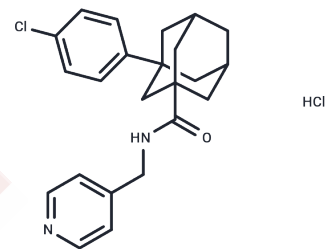


Opaganib HCl

Chemical Properties

CAS No. :	1185157-59-8
Formula:	C ₂₃ H ₂₆ Cl ₂ N ₂ O
Molecular Weight:	417.37
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	ABC294640, also known as Opaganib, is an orally available, aryladamantane compound and selective inhibitor of sphingosine kinase-2 (SK2) with potential antineoplastic activity. Upon administration, ABC294640 competitively binds to and inhibits SK2, thereby preventing the phosphorylation of the pro-apoptotic amino alcohol sphingosine to sphingosine 1-phosphate (S1P), the lipid mediator that is pro-survival and critical for immunomodulation. This may eventually lead to the induction of apoptosis and may result in an inhibition of cell proliferation in cancer cells overexpressing SK2.
Targets(IC50)	Others,S1P Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.396 mL	11.9798 mL	23.9596 mL
5 mM	0.4792 mL	2.396 mL	4.7919 mL
10 mM	0.2396 mL	1.198 mL	2.396 mL
50 mM	0.0479 mL	0.2396 mL	0.4792 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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