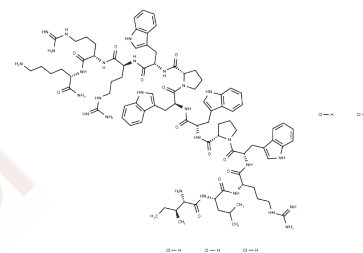


Cevidopenib dimesylate hydrochloride

Chemical Properties

CAS No. :	269062-93-3
Formula:	C90H132Cl5N27O12
Molecular Weight:	1957.9
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Cevidopenib dimesylate hydrochloride is a spleen tyrosine kinase (Syk) inhibitor showing potential immunomodulating and anti-inflammatory properties.
Targets(IC50)	Syk,Antibacterial
In vitro	Cevidopenib dimesylate hydrochloride(oral) inhibited the activity of SYK and blocked Fc receptor and B-cell receptor (BCR)-mediated signaling in inflammatory cells, including macrophages, mast cells, natural killer cells, B cells, and neutrophils[1].

Solubility Information

Solubility	DMSO: 19.58 mg/mL (10 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	0.5108 mL	2.5538 mL	5.1075 mL
5 mM	0.1022 mL	0.5108 mL	1.0215 mL
10 mM	0.0511 mL	0.2554 mL	0.5108 mL
50 mM	0.0102 mL	0.0511 mL	0.1022 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

Cevidoplenib dimesylate.

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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