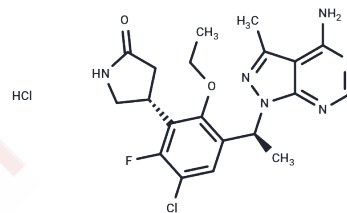


Parsaclisib hydrochloride

Chemical Properties

CAS No. :	1995889-48-9
Formula:	C ₂₀ H ₂₃ Cl ₂ FN ₆ O ₂
Molecular Weight:	469.34
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	Parsaclisib hydrochloride (INCB050465 HCl) is a selective PI3K δ inhibitor with antitumor activity. Parsaclisib demonstrates potent activity with IC ₅₀ values ranging from 0.2 to 2 nM.
Targets(IC ₅₀)	PI3K

Solubility Information

Solubility	DMSO: 90 mg/mL (191.76 mM), Sonication is recommended. H ₂ O: Insoluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1307 mL	10.6533 mL	21.3065 mL
5 mM	0.4261 mL	2.1307 mL	4.2613 mL
10 mM	0.2131 mL	1.0653 mL	2.1307 mL
50 mM	0.0426 mL	0.2131 mL	0.4261 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

Shin N, et al. Abstract 2671: INCB050465, a novel PI3K δ inhibitor, synergizes with PIM protein kinase inhibition to cause tumor regression in a model of DLBCL. *Cancer Research*. 2015, Aug. 75(15)

Shin N, et, al. Parsaclisib Is a Next-Generation Phosphoinositide 3-Kinase δ Inhibitor with Reduced Hepatotoxicity and Potent Antitumor and Immunomodulatory Activities in Models of B-Cell Malignancy. *J Pharmacol Exp Ther*. 2020 Jul;374(1):211-222.

Yue EW, et, al. INCB050465 (Parsaclisib), a Novel Next-Generation Inhibitor of Phosphoinositide 3-Kinase Delta (PI3K δ). *ACS Med Chem Lett*. 2019 Oct 17;10(11):1554-1560.

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