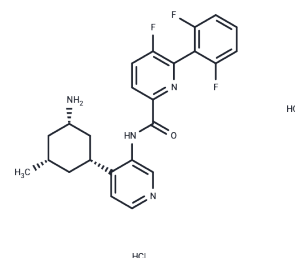


PIM-447 dihydrochloride

Chemical Properties

CAS No. :	1820565-69-2
Formula:	C ₂₄ H ₂₅ Cl ₂ F ₃ N ₄ O
Molecular Weight:	513.38
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	PIM-447 dihydrochloride is an orally available and selective inhibitor of pan-PIM kinase(Ki values of 6, 18, and 9 pM for PIM1, PIM2, and PIM3, respectively).
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 46.7 mg/mL (90.97 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9479 mL	9.7394 mL	19.4787 mL
5 mM	0.3896 mL	1.9479 mL	3.8957 mL
10 mM	0.1948 mL	0.9739 mL	1.9479 mL
50 mM	0.039 mL	0.1948 mL	0.3896 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.

Reference

Paíno T et al. The novel pan-PIM kinase inhibitor, PIM447, displays dual anti-myeloma and bone protective effects, and potently synergizes with current standards of care. Clin Cancer Res. 2016 Jul 20.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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