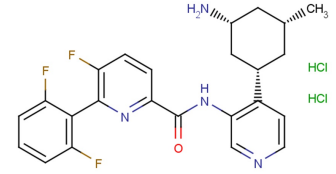


Data Sheet (Cat.No.T13425)

(1S,3R,5R)-PIM447 dihydrochloride

Chemical Properties

CAS No.:	T13425
Formula:	C ₂₄ H ₂₅ Cl ₂ F ₃ N ₄ O
Molecular Weight:	513.38
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	(1S,3R,5R)-PIM447 (dihydrochloride) an inhibitor of PIM (IC ₅₀ of 0.095 μM for Pim1, 0.522 μM for Pim2 and 0.369 μM for Pim3).
Targets(IC ₅₀)	Pim1: 0.369 μM

Solubility Information

Solubility	DMSO: 33.33 mg/mL (64.92 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.948 mL	9.739 mL	19.479 mL
5 mM	0.39 mL	1.948 mL	3.896 mL
10 mM	0.195 mL	0.974 mL	1.948 mL
50 mM	0.039 mL	0.195 mL	0.39 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Inhibitors · Natural Compounds · Compound Libraries

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

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