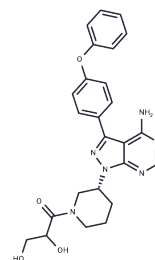


Dihydrodiol-Ibrutinib

Chemical Properties

CAS No. :	1654820-87-7
Formula:	C ₂₅ H ₂₆ N ₆ O ₄
Molecular Weight:	474.521
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	PCI 45227 is an active metabolite of the Bruton's tyrosine kinase inhibitor ibrutinib .1PCI 45227 is formed from ibrutinib by the cytochrome P450 (CYP) isoform CYP3A.
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Solubility Information

Solubility	Methanol: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1074 mL	10.537 mL	21.0739 mL
5 mM	0.4215 mL	2.1074 mL	4.2148 mL
10 mM	0.2107 mL	1.0537 mL	2.1074 mL
50 mM	0.0421 mL	0.2107 mL	0.4215 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

Veeraraghavan, S., Viswanadha, S., Thappali, S., et al. Simultaneous quantification of lenalidomide, ibrutinib and its active metabolite PCI-45227 in rat plasma by LC-MS/MS: Application to a pharmacokinetic studyJ. Pharm.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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