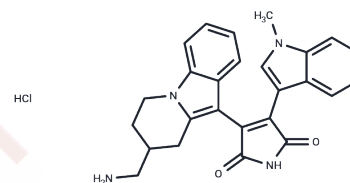


Bisindolylmaleimide X hydrochloride

Chemical Properties

CAS No. :	145317-11-9
Formula:	C ₂₆ H ₂₅ ClN ₄ O ₂
Molecular Weight:	460.96
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Bisindolylmaleimide X hydrochloride (BIM-X hydrochloride) is a potent and selective PKC inhibitor and a CDK2 antagonist with an IC ₅₀ of 200 nM.
Targets(IC ₅₀)	CDK,PKC

Solubility Information

Solubility	DMSO: 20.83 mg/mL (45.19 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	2.1694 mL	10.8469 mL	21.6939 mL
5 mM	0.4339 mL	2.1694 mL	4.3388 mL
10 mM	0.2169 mL	1.0847 mL	2.1694 mL
50 mM	0.0434 mL	0.2169 mL	0.4339 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

Brehmer D, et al. Proteome-wide identification of cellular targets affected by bisindolylmaleimide-type protein kinase C inhibitors. Mol Cell Proteomics. 2004 May;3(5):490-500.

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