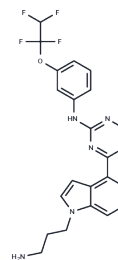


BCR-ABL-IN-1

Chemical Properties

CAS No. :	188260-50-6
Formula:	C ₂₃ H ₂₁ F ₄ N ₅ O
Molecular Weight:	459.44
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	BCR-ABL-IN-1 is a BCR-ABL tyrosine kinase inhibitor (pIC ₅₀ : 6.46) and may be used in the research of chronic myelogenous leukemia.
Targets(IC ₅₀)	Bcr-Abl

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1766 mL	10.8828 mL	21.7656 mL
5 mM	0.4353 mL	2.1766 mL	4.3531 mL
10 mM	0.2177 mL	1.0883 mL	2.1766 mL
50 mM	0.0435 mL	0.2177 mL	0.4353 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

Cui J1, et al. BCR-ABL tyrosine kinase inhibitor pharmacophore model derived from a series of phenylaminopyrimidine-based (PAP) derivatives. *Bioorg Med Chem Lett.* 2013 Apr 15;23(8):2442-50.

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