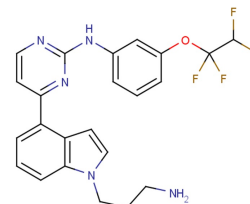


BCR-ABL-IN-1

Chemical Properties

CAS No.: 188260-50-6
Formula: C₂₃H₂₁F₄N₅O
Molecular Weight: 459.44
Appearance: N/A
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).

**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: 6.46(pIC ₅₀)

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.177 mL	10.883 mL	21.766 mL
5 mM	0.435 mL	2.177 mL	4.353 mL
10 mM	0.218 mL	1.088 mL	2.177 mL
50 mM	0.044 mL	0.218 mL	0.435 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.

Reference

1. 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.

Inhibitors · Natural Compounds · Compound Libraries

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