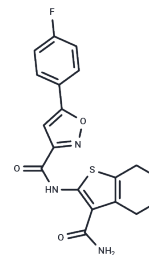


BCR-ABL-IN-7

## Chemical Properties

CAS No. : 688050-42-2  
 Formula: C19H16FN3O3S  
 Molecular Weight: 385.41  
 Storage: Store at low temperature  
 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-7 is a WT and T315I mutant ABL kinase inhibitor. BCR-ABL-IN-7 potently inhibits WT and T315I mutant ABL kinase activity. BCR-ABL-IN-7 can be used in chronic myelogenous leukemia (CML) research.

**Targets(IC50)** Bcr-Abl

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5946 mL	12.9732 mL	25.9464 mL
5 mM	0.5189 mL	2.5946 mL	5.1893 mL
10 mM	0.2595 mL	1.2973 mL	2.5946 mL
50 mM	0.0519 mL	0.2595 mL	0.5189 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

Cao R, et al. Discovery of 2-Acylaminothiophene-3-Carboxamides as Multitarget Inhibitors for BCR-ABL Kinase and Microtubules. J Chem Inf Model. 2015 Nov 23;55(11):2435-42.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481