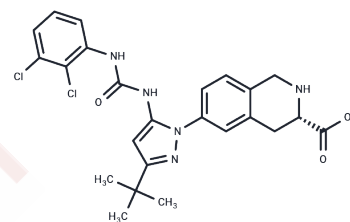


## BCR-ABL-IN-2

## Chemical Properties

CAS No. : 897369-18-5  
 Formula: C<sub>24</sub>H<sub>25</sub>Cl<sub>2</sub>N<sub>5</sub>O<sub>3</sub>  
 Molecular Weight: 502.39  
 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-2 is a BCR-ABL1 tyrosine kinase inhibitor (IC <sub>50</sub> s: 57 nM, 773 nM for ABL1 native and ABL1 T315I).
Targets(IC <sub>50</sub> )	Others,Bcr-Abl
In vitro	BCR-ABL-IN-2 exhibits an IC <sub>50</sub> of 57 nM for ABL1 native and an IC <sub>50</sub> of 773 nM for ABL1 T315I [1]. Despite ABL, BCR-ABL-IN-2 can also inhibit KDR, BRaf, p38 kinase with IC <sub>50</sub> s of 1.8 μM, 0.23 μM, 6.3 nM, 43 nM, respectively [2].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9905 mL	9.9524 mL	19.9049 mL
5 mM	0.3981 mL	1.9905 mL	3.981 mL
10 mM	0.199 mL	0.9952 mL	1.9905 mL
50 mM	0.0398 mL	0.199 mL	0.3981 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

Chan WW, et al. Conformational control inhibition of the BCR-ABL1 tyrosine kinase, including the gatekeeper T315I mutant, by the switch-control inhibitor DCC-2036. Cancer Cell. 2011 Apr 12;19(4):556-68.  
 ARYL SULFONOHYDRAZIDES. US 2008/0113967 A1.

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