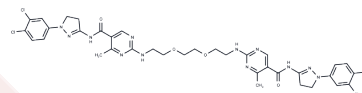


VS1150

## Chemical Properties

CAS No. : 2855238-97-8  
 Formula: C<sub>36</sub>H<sub>38</sub>Cl<sub>4</sub>N<sub>12</sub>O<sub>4</sub>  
 Molecular Weight: 844.58  
 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	VS1150 (Compound 11) is a phosphorylation-inducing chimeric small molecule (PHICS) designed to target BCR-ABL. It effectively hinders oncogenic kinase BCR-ABL signaling through inhibitory phosphorylation at the Y253 site (EC <sub>50</sub> : 69 nM), leading to apoptosis. Additionally, VS1150 can inhibit other oncogenic ABL fusion proteins and resistant mutants, such as T315I. This compound is applicable in research on chronic myeloid leukemia (CML) and other cancers driven by ABL fusion proteins.
Targets(IC50)	Apoptosis,ERK,Caspase,Bcr-Abl,STAT,PARP

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.184 mL	5.9201 mL	11.8402 mL
5 mM	0.2368 mL	1.184 mL	2.368 mL
10 mM	0.1184 mL	0.592 mL	1.184 mL
50 mM	0.0237 mL	0.1184 mL	0.2368 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.

**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