

Bfl-1-IN-5

## Chemical Properties

CAS No. :

Formula: C<sub>24</sub>H<sub>24</sub>F<sub>3</sub>N<sub>3</sub>O<sub>2</sub>

Molecular Weight: 443.46

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	Bfl-1-IN-5 (Compound (R,R,S)-26) is a selective inhibitor of Bfl-1, demonstrating an IC <sub>50</sub> of 0.022 μM. This compound enhances the activity of caspase-3/7, with an EC <sub>50</sub> of 0.37 μM, and also inhibits the viability of SU-DHL-1 cells, showing an EC <sub>50</sub> of 1.3 μM.
Targets(IC <sub>50</sub> )	Bcl-2 Family,Caspase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.255 mL	11.275 mL	22.5499 mL
5 mM	0.451 mL	2.255 mL	4.510 mL
10 mM	0.2255 mL	1.1275 mL	2.255 mL
50 mM	0.0451 mL	0.2255 mL	0.451 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