

## TRF2-IN-1

## Chemical Properties

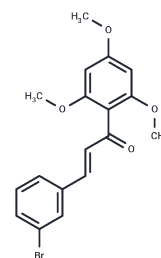
CAS No. :

Formula: C<sub>18</sub>H<sub>17</sub>BrO<sub>4</sub>

Molecular Weight: 377.229

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	TRF2-IN-1 (compound F2) is a potent inhibitor of telomere repeat-binding factor 2 (TRF2). It exhibits antiproliferative activity and induces apoptosis. TRF2-IN-1 binds directly to the TRF2TRFH domain, selectively inhibiting TRF2 protein expression and telomere localization. Additionally, TRF2-IN-1 possesses anticancer properties and shows potential for osteosarcoma research.
Targets(IC50)	Apoptosis,Telomerase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6509 mL	13.2545 mL	26.509 mL
5 mM	0.5302 mL	2.6509 mL	5.3018 mL
10 mM	0.2651 mL	1.3255 mL	2.6509 mL
50 mM	0.053 mL	0.2651 mL	0.5302 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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