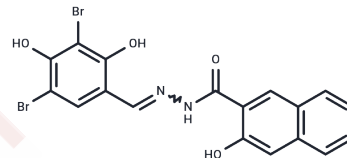


FTO-IN-13

Chemical Properties

CAS No. :	687600-25-5
Formula:	C ₁₈ H ₁₂ Br ₂ N ₂ O ₄
Molecular Weight:	480.107
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	FTO-IN-13 (compound 8t) is a potent FTO inhibitor with antiproliferative properties. It induces apoptosis (cell apoptosis) and reduces the expression of Bcl-2 and Caspase 3 active proteins. Additionally, FTO-IN-13 lowers the expression of MYC and CEBPA genes and demonstrates anticancer activity.
Targets(IC50)	Apoptosis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0829 mL	10.4143 mL	20.8286 mL
5 mM	0.4166 mL	2.0829 mL	4.1657 mL
10 mM	0.2083 mL	1.0414 mL	2.0829 mL
50 mM	0.0417 mL	0.2083 mL	0.4166 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