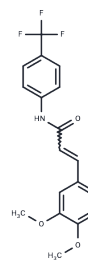


TFCA

Chemical Properties

CAS No. : 895700-18-2
 Formula: C₁₈H₁₆F₃NO₃
 Molecular Weight: 351.32
 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	TFCA is a liver X receptor α (LXR α) antagonist. It inhibits the coactivation of ligand-activated LXR α and suppresses the transcriptional expression of downstream target genes involved in fatty acid synthesis. By selectively inhibiting LXR α in the liver, TFCA reduces ligand-induced lipogenesis and fatty liver.
Targets(IC50)	Liver X Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8464 mL	14.232 mL	28.4641 mL
5 mM	0.5693 mL	2.8464 mL	5.6928 mL
10 mM	0.2846 mL	1.4232 mL	2.8464 mL
50 mM	0.0569 mL	0.2846 mL	0.5693 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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