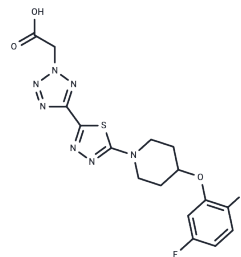


## MK-8245 analog

## Chemical Properties

CAS No. :	1030612-87-3
Formula:	C16H15BrFN7O3S
Molecular Weight:	484.3
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	MK-8245 analog is an analog of MK-8245 which is a liver-targeted Inhibitor of Stearoyl-CoA Desaturase (SCD). It is useful for the Treatment of Dyslipidemia and Diabetes.
Targets(IC50)	Others, Stearoyl-CoA Desaturase (SCD)

## Solubility Information

Solubility	DMSO: 55 mg/mL (113.57 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0648 mL	10.3242 mL	20.6484 mL
5 mM	0.413 mL	2.0648 mL	4.1297 mL
10 mM	0.2065 mL	1.0324 mL	2.0648 mL
50 mM	0.0413 mL	0.2065 mL	0.413 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.

## Reference

Jiasheng Zhou, et al. 430 ferrite stainless steel and production process thereof. CN113462967A

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481