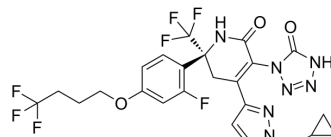


## BMS-986172

Cat. No.:	HY-149663
CAS No.:	1808258-99-2
Molecular Formula:	C <sub>24</sub> H <sub>22</sub> F <sub>7</sub> N <sub>7</sub> O <sub>3</sub>
Molecular Weight:	589.47
Target:	Acyltransferase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

BMS-986172 is an orally active, highly selective MGAT2 inhibitor with an IC<sub>50</sub> of 4.6 nM and 20 nM for hMGAT2 and mMGAT2, respectively. BMS-986172 has a T<sub>1/2</sub> > 120 min in vitro assays. BMS-986172 reduces food intake and body weight. BMS-986172 has the potential for metabolic disorders such as obesity and NASH research<sup>[1]</sup>.

## REFERENCES

[1]. Wei Meng, et al. Discovery of 12 (BMS-986172) as a Highly Potent MGAT2 Inhibitor that Achieved Targeted Efficacious Exposures at a Low Human Dose for the Treatment of Metabolic Disorders. *J Med Chem.* 2023 Sep 28;66(18):13135-13147.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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