

## Ethyl LipotF

## Chemical Properties

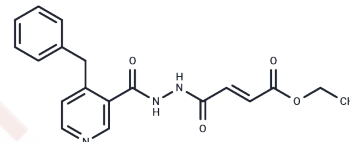
CAS No. : 1808089-27-1

Formula: C<sub>19</sub>H<sub>19</sub>N<sub>3</sub>O<sub>4</sub>

Molecular Weight: 353.37

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	Selective FTO inhibitor (IC <sub>50</sub> = 0.81 μM). Exhibits >30-fold selectivity for FTO over ALKBH2, 3 and 5 and >100-fold selectivity over PHD2 and JMJD2A. Increases levels of modified N <sup>6</sup> -methyladenosine (m <sup>6</sup> A) in HeLa cells in a concentration-dependent manner.
Targets(IC <sub>50</sub> )	Others

## Solubility Information

Solubility	Ethanol: 7.07 mg/mL (20.01 mM),Sonication is recommended. DMSO: 35.34 mg/mL (100.01 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	2.8299 mL	14.1495 mL	28.299 mL
5 mM	0.566 mL	2.8299 mL	5.6598 mL
10 mM	0.283 mL	1.4149 mL	2.8299 mL
50 mM	0.0566 mL	0.283 mL	0.566 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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