

Product Data Sheet

Product Name: Ethyl LipotF

Cat. No.: GC50680

Chemical Properties

Cas. No. 1808089-27-1

SMILES O=C(NNC(/C=C/C(OCC)=O)=O)C1=C(CC2=CC=CC=C2)C=CN=C1

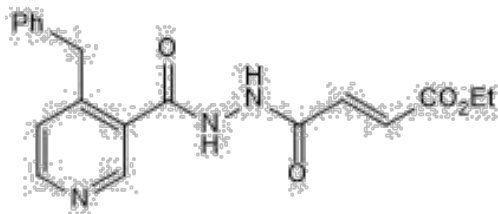
Formula C₁₉H₁₉N₃O₄ M.Wt 353.38

Solubility ethanol|7.07|20|DMSO|35.34|100| Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

Selective FTO inhibitor (IC₅₀ = 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 N6-methyladenosine (m6A) in HeLa cells in a concentration-dependent manner.

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

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