

Product Data Sheet

Product Name: SCD1 inhibitor-4

Cat. No.: GC19831

Chemical Properties

Cas. No. 1295541-87-5

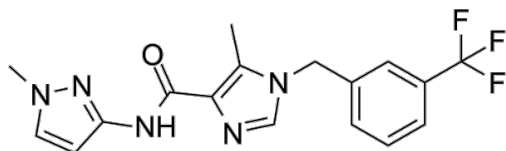
Formula $C_{17}H_{16}F_3N_5O$ M.Wt 363.34

Solubility DMSO : 100 mg/mL (275.22 mM; Need ultrasonic) 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

CD1 inhibitor-4 is a potent, orally active stearylCoA desaturase-1 (SCD1) inhibitor. SCD1 inhibitor-4 can be used for the research of diabetes.

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

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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SCD1 inhibitor-4 (1~30 mg/kg) shows a dose-dependent decrease in desaturation index with a 55 % reduction at 1 mg/kg and 85% reduction at the 10 and 30 mg/kg doses

[1]. Atkinson KA, et al. N-benzylimidazole carboxamides as potent, orally active stearoylCoA desaturase-1 inhibitors. Bioorg Med Chem Lett. 2011;21(6):1621-1625.

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