

Product Data Sheet

Product Name: FATP1-IN-2

Cat. No.: GC64067

Chemical Properties

Cas. No. 2650944-83-3

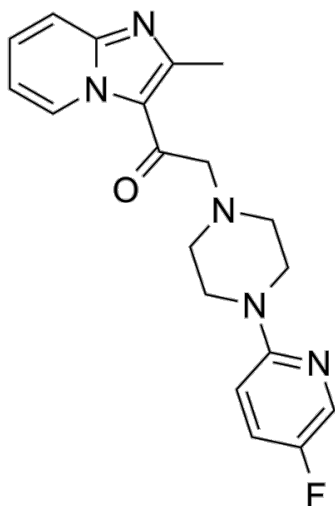
Formula C₁₉H₂₀N₅O M.Wt 353.39

Solubility DMSO : 100 mg/mL (282.97 mM; Storage Store at -20°C
Need ultrasonic)

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

FATP1-IN-2, as an arylpiperazine derivative, is an orally active fatty acid transport protein 1 (FATP1)

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

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

Product Data Sheet

inhibitor (human IC₅₀=0.43 μ M, mouse IC₅₀=0.39 μ M)[1].

FATP1-IN-2 (10 mg/kg; p.o.) shows a C_{max} value above the mouse IC₅₀ value[1]. FATP1-IN-2 (3, 10, 30 mg/kg; p.o.; 4 weeks) shows TG content of each tissue does not change at any dose[1].

[1]. Matsufuji T, et al. Arylpiperazines as fatty acid transport protein 1 (FATP1) inhibitors with improved potency and pharmacokinetic properties. *Bioorg Med Chem Lett.* 2013;23(9):2560-2565.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

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