

Product Data Sheet

Product Name: ent-Ezetimibe

Cat. No.: GC70728

Chemical Properties

Cas. No. 1376614-99-1

Formula $C_{24}H_{21}F_2NO_3$

M.Wt 409.43

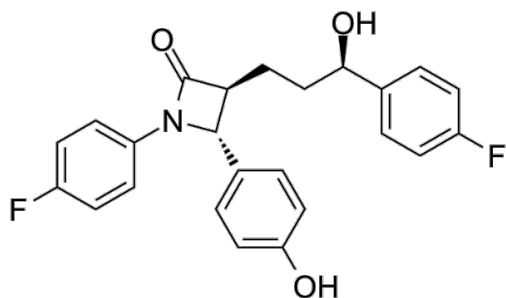
Solubility

Storage

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

ent-Ezetimibe (ent-SCH 58235) is the RRS-enantiomer of Ezetimibe. Ezetimibe is a potent cholesterol absorption inhibitor. Ezetimibe is a Niemann-Pick C1-like1 (NPC1L1) inhibitor, and is a potent Nrf2 activator.

References:

- [1]. Lee DH, et al. Ezetimibe, an NPC1L1 inhibitor, is a potent Nrf2 activator that protects mice from diet-induced nonalcoholic steatohepatitis. *Free Radic Biol Med.* 2016 Sep 12;99:520-532.
- [2]. Yijun Zhu, et al. Efficient and scalable process for the synthesis of antihypercholesterolemic drug

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

ezetimibe. An International Journal for Rapid Communication of Synthetic Organic Chemistry

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