

Product Data Sheet

Product Name: C18 L-erythro Ceramide (d18:1/18:0)
Cat. No.: GC43050

Chemical Properties

Cas No. 252039-52-4

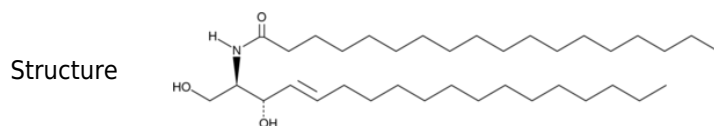
Canonical SMILES OC[C@H]([C@@H](O)/C=C/CCCCCCCCCCCCC)NC(CCCCCCCCCCCCCCCC)=O

分子式 $C_{36}H_{71}NO_3$ 分子量 566

溶解度 Soluble in DMSO 储存条件 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.



Background

C18 L-erythro Ceramide is a naturally occurring ceramide and stereoisomer of C18 ceramide. It inhibits rat brain mitochondrial ceramidase (mt-CDase) with an IC₅₀ value of 0.11 mol% (8.8 μM).

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