

Product Data Sheet

Product Name: C23 Phytoceramide (t18:0/23:0)

Cat. No.: GC92042

Chemical Properties

Cas. No. 844866-89-3

Chemical Name N-[2S,3R-dihydroxy-1S-(hydroxymethyl)heptadecyl]-tricosanamide

SMILES O[C@H]([C@H](O)CCCCCCCCCCCCCCCC)[C@H](CO)NC(CCCCCCCCCCCCCCCCCCCCCCCC)=O

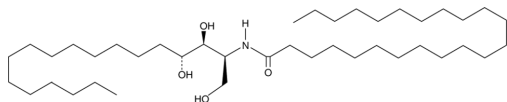
Formula $C_{41}H_{83}NO_4$ M.Wt 654.1

Solubility Storage -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

C23 Phytoceramide (t18:0/23:0) is a long-chain sphingolipid that has been found in *C. sinensis*.¹

References:

[1]. Valsecchi, M., Mauri, L., Casellato, R., et al. Ceramides as possible nutraceutical compounds: Characterization of the ceramides of the Moro blood orange (*Citrus sinensis*) J. Agric. Food Chem. 60(40)10103-10110(2012).

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