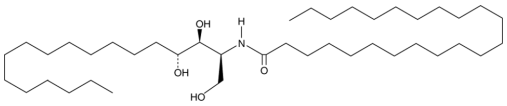
Product Data Sheet

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)CCCCCCCCCCCCCC)[C@H](CO)NC(CCCCCCCCCCCCCCCCCCCCCC)=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.
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