PRODUCT INFORMATION

Cayman CHEMICAL

C6 Ceramide (d18:1/6:0) Alkyne
Item No. 24519

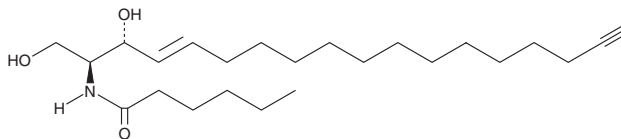|	
Formal Name:	N-((2S,3R,E)-1,3-dihydroxyoctadec-4-en-17-yn-2-yl)hexanamide
Synonyms:	Cer(d18:1/6:0) Alkyne, C6 Ceramide Alkyne, Click Tag™ C6 Ceramide (d18:1/6:0) Alkyn, N-hexanoyl-D-*erythro*-Sphingosine Alkyne
MF:	$C_{24}H_{43}NO_3$
FW:	393.6
Purity:	≥95%
Supplied as:	A solution in ethanol
Storage:	-20°C
Stability:	≥2 years

Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

C6 Ceramide (d18:1/6:0) alkyne is supplied as a solution in ethanol. To change the solvent, simply evaporate the ethanol under a gentle stream of nitrogen and immediately add the solvent of choice. Solvents such as dimethyl formamide (DMF) purged with an inert gas can be used. The solubility of C6 ceramide (d18:1/6:0) alkyne in DMF is approximately 0.15 mg/ml.

Description

C6 Ceramide alkyne is an ω-alkyne derivative of C6 ceramide (Item No. 62525). The terminal alkyne group can be used in click chemistry reactions to tag C6 ceramide with fluorescent or biotinylated labels for analysis of its metabolism and biological activity.