

# PRODUCT INFORMATION



## 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<sub>24</sub>H<sub>43</sub>NO<sub>3</sub>

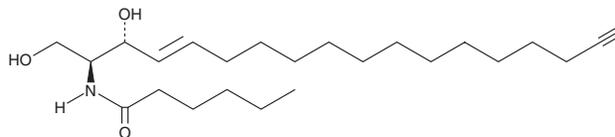
**FW:** 393.6

**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.

#### WARNING

THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

#### SAFETY DATA

This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the [complete](#) Safety Data Sheet, which has been sent via email to your institution.

#### WARRANTY AND LIMITATION OF REMEDY

Buyer agrees to purchase the material subject to Cayman's Terms and Conditions. Complete Terms and Conditions including Warranty and Limitation of Liability information can be found on our website.

Copyright Cayman Chemical Company, 01/31/2024

#### CAYMAN CHEMICAL

1180 EAST ELLSWORTH RD  
ANN ARBOR, MI 48108 · USA

**PHONE:** [800] 364-9897  
[734] 971-3335

**FAX:** [734] 971-3640

CUSTSERV@CAYMANCHEM.COM  
WWW.CAYMANCHEM.COM