



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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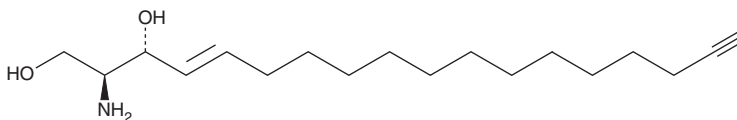
# PRODUCT INFORMATION



## Sphingosine (d18:1) Alkyne

Item No. 24518

**CAS Registry No.:** 954096-91-4  
**Formal Name:** (2S,3R,4E)-2-amino-4-octadecen-17-yne-1,3-diol  
**Synonyms:** D-erythro-Sphingosine C-18 Alkyne, (-)-Sphingosine Alkyne  
**MF:** C<sub>18</sub>H<sub>33</sub>NO<sub>2</sub>  
**FW:** 295.5  
**Purity:** ≥95%  
**Supplied as:** A solution in ethanol  
**Storage:** -20°C  
**Stability:** ≥1 year



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

### Laboratory Procedures

Sphingosine (d18:1) 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 DMSO and dimethyl formamide purged with an inert gas can be used. The solubility of sphingosine (d18:1) alkyne in these solvents is approximately 2 and 10 mg/ml, respectively.

### Description

Sphingosine alkyne is an ω-alkyne form of sphingosine (d18:1) (Item No. 10007907). The terminal alkyne group can be used in click chemistry reactions to tag sphingosine (d18:1) 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.

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