**Product name**

C6-NBD-ceramide, fluorescent sphingosine analog

**Description**

Fluorescent C6:0-sphingosine analog

**Biological description**

Fluorescent C6:0-sphingosine analog. For use in CERT trafficking studies and as internal standard. Possible activity *in vitro*.

**Purity**

> 98%

**CAS Number**

86701-10-2

**Chemical structure**

![Chemical structure diagram](image)

**Chemical name**

$N\{[(E,2S,3R)]-1,3$-dihydroxyoctadec-4-en-2-yl$\}\]-6-$\{[4$-nitro-2,1,3$-benzoxadiazol$-7$-yl]$\}amino$hexanamide

**Molecular weight**

575.74

**Molecular formula**

C$_{30}$H$_{49}$N$_{5}$O$_{6}$

**PubChem identifier**

16219783

**Storage instructions**

Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.

**Solubility overview**

Soluble in ethanol

**Handling**

Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and...
prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.

SMILES

CCCCCCCCCCCCC/C=C/\[C@H\](\[C@H\](CO)NC(=O)CCCCCNC1=CC=C(C2=NON=C12)[N+]\n(-O)]O

Source

Synthetic

Please note: All products are “FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS”

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- Replacement or refund for products not performing as stated on the datasheet
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