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**Product Data Sheet**

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Product Name: C12 NBD L-threo dihydro Ceramide (d18:0/12:0)

Cat. No.: GC43016

**Chemical Properties**

Cas. No. 474943-07-2

SMILES O=C(CCCCCCCCCCNC1=CC=C([N+])([O-])=O)C2=NON=C12)N[C@@H](CO)[C@@H](O)CCCCCCCCCCCCCCCFormula C<sub>36</sub>H<sub>63</sub>N<sub>5</sub>O<sub>6</sub> M.Wt 661.9

Solubility Soluble in DMSO Storage Store at -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**

C12 NBD L-threo dihydro ceramide is a sphingolipid that is tagged with a fluorescent C12 nitrobenzoxadiazole (C12 NBD) group. It is an isomer of C12 NBD dihydro ceramide .

**Caution: Product has not been fully validated for medical applications. For research use only.**

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