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## Product Data Sheet

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Product Name: C12 NBD 3'-sulfo Galactosylceramide (d18:1/12:0)

Cat. No.: GC43009

### Chemical Properties

Cas. No.

SMILES O[C@@H]1[C@@H](OS(O)(=O)=O)[C@@H](O)[C@@H](CO)O[C@@H]1OC[C@@H](NC(CCCCCCCCCCNC2=CC=C([N+])([O-])=O)C3=NON=C23)=O)[C@@H](O)/C=C/CCCCCCCCCCCC

Formula C<sub>42</sub>H<sub>71</sub>N<sub>5</sub>O<sub>14</sub>S M.Wt 902.1

Solubility Chloroform:Methanol (2:1): soluble 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 3'-sulfo galactosylceramide is a sphingolipid that is tagged with a fluorescent C12 nitrobenzoxadiazole (C12 NBD) group.

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

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