

Product datasheet

N-Hexanoyl-NBD-lactosylceramide, Fluorescent analog of C6:0-lactosylceramide ab143996

1 Image

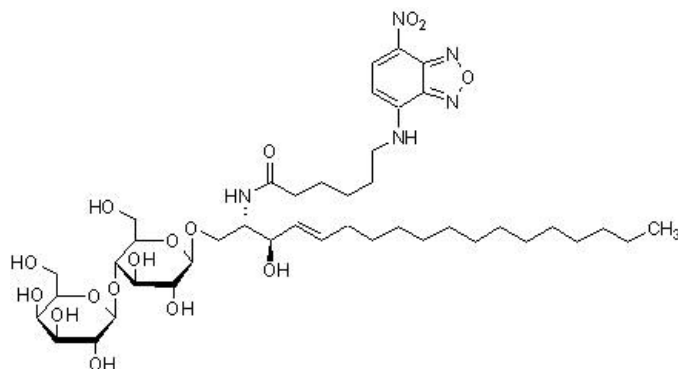
Overview

Product name	N-Hexanoyl-NBD-lactosylceramide, Fluorescent analog of C6:0-lactosylceramide
Description	Fluorescent analog of C6:0-lactosylceramide
Biological description	Fluorescent analog of C6:0-lactosylceramide. Possible use in cell adhesion and neuroinflammatory studies. For identification of lactosylceramides and in biological systems.

See similar compounds

Purity > 98%

Chemical structure



Properties

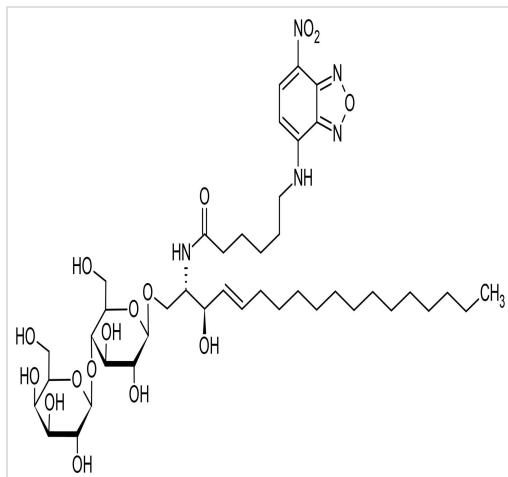
Molecular weight	900.02
Molecular formula	C ₄₂ H ₆₉ N ₅ O ₁₆
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Handling	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock 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

```
O[C@H]4C(O)[C@@H](O)C(CO)O[C@H]4O[C@H]1C(O)[C@H](O)[C@@H](OC1CO)OC[C@H](NC(=O)CCCCCCNc2ccc(c3nonc23)[N+]([O-])=O)[C@H](O)C=C\CCCCCCCCCCCCC
```

Source

Synthetic

Images

2D chemical structure image of ab143996, N-Hexanoyl-NBD-lactosylceramide, Fluorescent analog of C6:0-lactosylceramide

Chemical Structure - N-Hexanoyl-NBD-lactosylceramide, Fluorescent analog of C6:0-lactosylceramide (ab143996)

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

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