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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PRODUCT INFORMATION



C3 BODIPY Ganglioside G_{M1} (d18:1/3:0) (ammonium salt)

Item No. 33799

Formal Name: (2S,4S,5R,6R)-5-acetamido-2-(((2R,3S,4R,5R,6S)-3-(((2S,3R,4R,5R,6R)-3-acetamido-5-hydroxy-6-(hydroxymethyl)-4-(((2R,3R,4S,5R,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)tetrahydro-2H-pyran-2-yl)oxy)tetrahydro-2H-pyran-2-yl)oxy)-6-(((2R,3S,4R,5R,6R)-6-(((2S,3R,E)-2-(3-(5,5-difluoro-7,9-dimethyl-5H-5λ⁴,6λ⁴-dipyrrolo[1,2-c:2',1'-f][1,3,2]diazaborinin-2-yl)propanamido)-3-hydroxyoctadec-4-en-1-yl)oxy)-4,5-dihydroxy-2-(hydroxymethyl)tetrahydro-2H-pyran-3-yl)oxy)-5-hydroxy-2-(hydroxymethyl)tetrahydro-2H-pyran-4-yl)oxy)-4-hydroxy-6-((1R,2R)-1,2,3-trihydroxypropyl)tetrahydro-2H-pyran-2-carboxylate, monoammonium salt

Synonyms:

C3-BODIPY G_{M1},
N-Propanoyl-BODIPY-Ganglioside G_{M1}

MF: C₆₉H₁₀₉BF₂N₅O₃₁ • NH₄

FW: 1,571.5

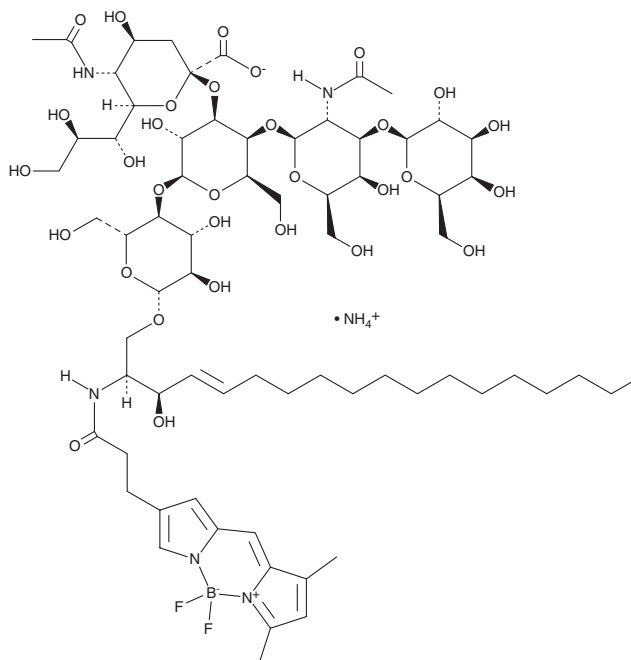
Purity: ≥98%

Ex./Em. Max: 503/512 nm

Supplied as: A solid

Storage: -20°C

Stability: ≥2 years



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

Laboratory Procedures

C3 BODIPY Ganglioside G_{M1} (d18:1/3:0) (ammonium salt) is supplied as a solid. A stock solution may be made by dissolving the C3 BODIPY ganglioside G_{M1} (d18:1/3:0) (ammonium salt) in the solvent of choice, which should be purged with an inert gas. C3 BODIPY Ganglioside G_{M1} (d18:1/3:0) (ammonium salt) is soluble in a 2:1:0.2 solution of chloroform:methanol:DI water. We do not recommend storing the aqueous solution for more than one day.

Description

C3 BODIPY Ganglioside G_{M1} (d18:1/3:0) is a fluorescently labeled form of ganglioside G_{M1}. It is composed of ganglioside G_{M1} with BODIPY 503/512 (Item No. 28800), which displays excitation/emission maxima of 503/512 nm, respectively, incorporated at the N-acyl chain position.¹

Reference

1. Rasmussen, J.-A.M. and Hermetter, A. Chemical synthesis of fluorescent glycer- and sphingolipids. *Prog. Lipid Res.* **47(6)**, 436-460 (2008).

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.

WARRANTY AND LIMITATION OF REMEDY

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