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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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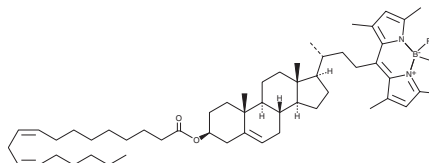
PRODUCT INFORMATION



BODIPY 480/508-Cholesteryl Linoleate

Item No. 39684

CAS Registry No.: 2260795-60-4
Formal Name: (T-4)-[(3 β)-24-(3,5-dimethyl-1H-pyrrol-2-yl- κ N)-24-(3,5-dimethyl-2H-pyrrol-2-ylidene- κ N)chol-5-en-3-yl, 9Z,12Z-octadecadienoato]difluoro-boron
Synonym: BODIPY 480/508-Cholesterol Linoleate
MF: C₅₄H₈₁BF₂N₂O₂
FW: 839.0
Purity: $\geq$ 95%
Ex./Em. Max: 480/508 nm
UV/Vis.: λ_{max} : 496 nm
Supplied as: A solution in methyl acetate
Storage: -80°C
Stability: $\geq$ 2 years



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

Description

BODIPY 480/508-cholesteryl linoleate is a cell-permeable and fluorescently tagged derivative of cholesteryl linoleate (Item No. 22597). BODIPY 480/508-cholesteryl linoleate displays excitation/emission maxima of 480/508 nm, respectively, and has been used to monitor cholesterol trafficking in isolated human monocyte-derived macrophages.¹

Reference

1. Jin, X., Dimitriadis, E.K., Liu, Y., *et al.* Macrophages shed excess cholesterol in unique extracellular structures containing cholesterol microdomains. *Arterioscler. Thromb. Vasc. Biol.* **38(7)**, 1504-1518 (2018).

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.

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