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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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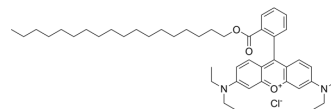
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Octadecyl Rhodamine B chloride

| | |
|---------------------------|--|
| Cat. No.: | HY-W127703 |
| CAS No.: | 65603-19-2 |
| Molecular Formula: | C ₄₆ H ₆₇ ClN ₂ O ₃ |
| Molecular Weight: | 731.49 |
| Target: | Fluorescent Dye |
| Pathway: | Others |
| Storage: | 4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light) |



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (136.71 mM; ultrasonic and warming and heat to 60°C)

| Concentration | Mass | | |
|---------------|-----------|-----------|------------|
| | 1 mg | 5 mg | 10 mg |
| 1 mM | 1.3671 mL | 6.8354 mL | 13.6707 mL |
| 5 mM | 0.2734 mL | 1.3671 mL | 2.7341 mL |
| 10 mM | 0.1367 mL | 0.6835 mL | 1.3671 mL |

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Octadecyl Rhodamine B chloride is a cationic amphiphile that can be used for staining cell membranes. Octadecyl Rhodamine B chloride can be used in numerous studies including electronic energy transfer in organized molecular assemblies, membrane structure, and distances of closest approach between protein domains and membranes^[1].

REFERENCES

[1]. Tione Buranda, et al. Real-time partitioning of octadecyl rhodamine B into bead-supported lipid bilayer membranes revealing quantitative differences in saturable binding sites in DOPC and 1:1:1 DOPC/SM/cholesterol membranes. J Phys Chem B. 2010 Jan 28;114

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

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