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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

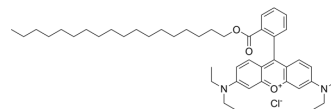
mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA