

Product Data Sheet

Product Name: Octadecyl Rhodamine B chloride

Cat. No.: GC64502

Chemical Properties

Cas. No. 65603-19-2

Formula C₄₆H₆₇ClN₂O₃

M.Wt 731.49

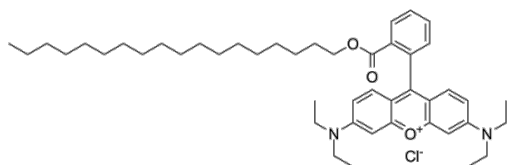
Solubility DMSO : 125 mg/mL (170.88 mM; Need ultrasonic)

Storage 4°C, away from moisture

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

Octadecyl Rhodamine B chloride is a cationic amphiphile that can be used for staining cell

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

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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].

[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

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