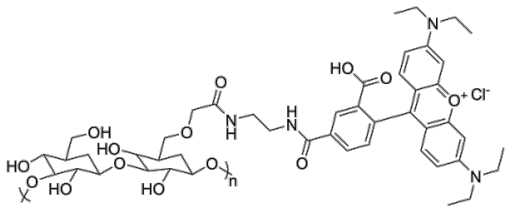
# Product Data Sheet

Product Name: Rhodamine B-Dextran chloride (MW 10000)
Cat. No.: GC80372

## Chemical Properties

| | | | |
|---|---|---|---|
| Cas. No. | | | |
| Formula | | M.Wt | 10000 |
| Solubility | DMSO: 4.12 mg/mL (Need ultrasonic) | Storage | Store at -20°C, sealed storage, away from moisture and light |
| 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

Rhodamine B -Dextran (MW 10000) is a Rhodamine B -labeled dextran with a molecular weight of 10,000. Rhodamine B -Chitosan (MW 10000) plays an important role in fluorescent labeling, cell imaging, vascular imaging, and drug delivery research (Ex/Em = 546/610 nm) [1].

References:

[1]. Kwon SR, et al. Penetration pattern of rhodamine dyes into enamel and dentin: confocal laser

microscopy observation. Int J Cosmet Sci. 2012 Feb;34(1):97-101.