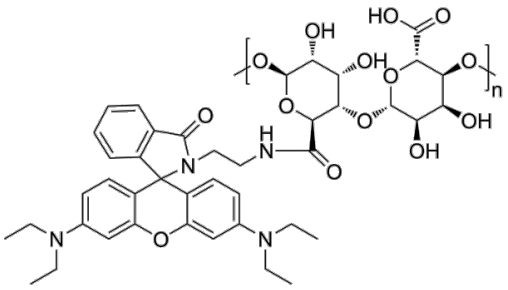
# Product Data Sheet

Product Name: Rhodamine-Alginate
Cat. No.: GC80379

## Chemical Properties

| | | | |
|---|---|---|---|
| Cas. No. | | | |
| Formula | | M.Wt | |
| Solubility | $H_2O$: 12.5 mg/mL (Need ultrasonic) | Storage | Store at -20°C |
| 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-Alginate is a Rhodamine B -labeled alginate. Rhodamine-Alginate combines the polysaccharide properties of alginate with the fluorescence properties of Rhodamine B, playing an important role in fields such as fluorescent labeling, cell imaging, and drug delivery research (Ex/Em = 546/610 nm) [1].

References:

[1]. Saha S, et al. Rhodamine-alginate conjugate as self indicating gel beads for efficient detection and scavenging of Hg2+ and Cr3+ in aqueous media. Chem Commun (Camb). 2012 Feb

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