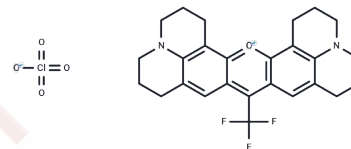


Rhodamine 700

Chemical Properties

| | |
|-------------------|--|
| CAS No. : | 63561-42-2 |
| Formula: | C ₂₆ H ₂₆ ClF ₃ N ₂ O ₅ |
| Molecular Weight: | 538.95 |
| Storage: | Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small> |



Biological Description

| | |
|---------------|--|
| Description | Rhodamine 700 is an organic perchlorate salt and has a role as a fluorochrome. |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.8555 mL | 9.2773 mL | 18.5546 mL |
| 5 mM | 0.3711 mL | 1.8555 mL | 3.7109 mL |
| 10 mM | 0.1855 mL | 0.9277 mL | 1.8555 mL |
| 50 mM | 0.0371 mL | 0.1855 mL | 0.3711 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Rapid wavelength scans over one octave and application to laser-induced fluorescence. PMID 16196330; Optics letters 2005 Sep;30(18):2394-6

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