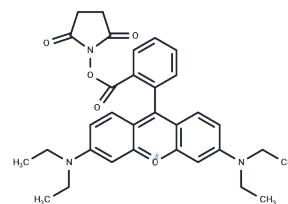


## Rhodamine B NHS ester

## Chemical Properties

CAS No. :	144700-55-0
Formula:	C <sub>32</sub> H <sub>34</sub> ClN <sub>3</sub> O <sub>5</sub>
Molecular Weight:	576.082
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 B NHS ester is a fluorophore characterized by an NHS ester group. Rhodamine B functions as a fluorescent dye for in vivo fluorescence detection. The NHS ester reacts strongly with amines, forming an amide under mild conditions.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7359 mL	8.6794 mL	17.3587 mL
5 mM	0.3472 mL	1.7359 mL	3.4717 mL
10 mM	0.1736 mL	0.8679 mL	1.7359 mL
50 mM	0.0347 mL	0.1736 mL	0.3472 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.

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