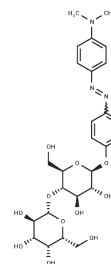


Lac dye

Chemical Properties

CAS No. :	27597-77-9
Formula:	C ₂₆ H ₃₅ N ₃ O ₁₁
Molecular Weight:	565.576
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	Lac dye is a possible food coloring agent which is completely nontoxic at low doses; lac dye is water soluble constituent of stick lac (commercial lac resin); lac resin is hardened secretion of insect Laccifer lacca (lac insect).
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7681 mL	8.8405 mL	17.681 mL
5 mM	0.3536 mL	1.7681 mL	3.5362 mL
10 mM	0.1768 mL	0.884 mL	1.7681 mL
50 mM	0.0354 mL	0.1768 mL	0.3536 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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