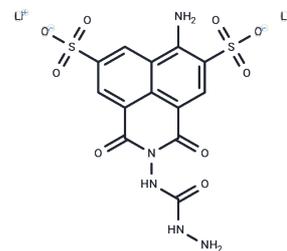


Lucifer Yellow CH dilithium salt

Chemical Properties

CAS No. :	67769-47-5
Formula:	C13H9Li2N5O9S2
Molecular Weight:	457.25
Appearance:	no data available
Storage:	keep away from direct sunlight,keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Lucifer Yellow CH dilithium salt is a fluorescent dye that can be commonly used for selective staining and the study of photodynamic disruption of eukaryotic and subcellular structures.
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Solubility Information

Solubility	H2O: 20 mg/mL (43.74 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.187 mL	10.9349 mL	21.8699 mL
5 mM	0.4374 mL	2.187 mL	4.374 mL
10 mM	0.2187 mL	1.0935 mL	2.187 mL
50 mM	0.0437 mL	0.2187 mL	0.4374 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.

Reference

Klein M, et al. Transport of lucifer yellow CH into plant vacuoles--evidence for direct energization of a sulphonated substance and implications for the design of new molecular probes. FEBS Lett. 1997 Dec 22;420(1):

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