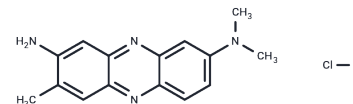


Neutral red

Chemical Properties

CAS No. : 553-24-2
Formula: C₁₅H₁₇ClN₄
Molecular Weight: 288.77
Appearance: no data available
Storage: keep away from direct sunlight
Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Neutral red is a vital dye, is used as an indicator and biological stain.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 49 mg/mL (169.68 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	3.463 mL	17.3148 mL	34.6296 mL
5 mM	0.6926 mL	3.463 mL	6.9259 mL
10 mM	0.3463 mL	1.7315 mL	3.463 mL
50 mM	0.0693 mL	0.3463 mL	0.6926 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

Winfried AUSLANDER, et al. NEUTRAL RED, A RAPID INDICATOR FOR pH-CHANGES IN THE INNER PHASE OF THYLAKOIDS. FEBS LETTERS. 1975 Nov.

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