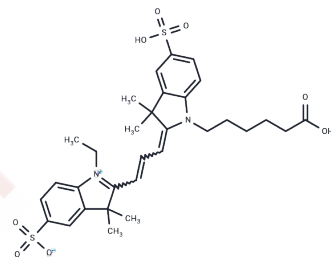


CY3

Chemical Properties

CAS No. : 146368-13-0
 Formula: C₃₁H₃₈N₂O₈S₂
 Molecular Weight: 630.78
 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	CY3 (Sulfo-Cyanine3) is an orange-fluorescent label for nucleic acids and proteins ($\lambda_{\text{ex}}=554$, $\lambda_{\text{em}}=568$).
Targets(IC ₅₀)	Others

Solubility Information

Solubility	H ₂ O: 25 mg/mL (39.63 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	1.5853 mL	7.9267 mL	15.8534 mL
5 mM	0.3171 mL	1.5853 mL	3.1707 mL
10 mM	0.1585 mL	0.7927 mL	1.5853 mL
50 mM	0.0317 mL	0.1585 mL	0.3171 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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