

Cy2 (iodine)

Chemical Properties

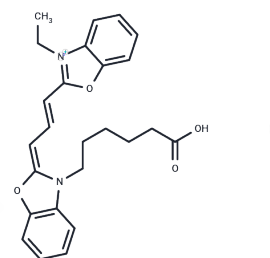
CAS No. :

Formula: C₂₅H₂₇IN₂O₄

Molecular Weight: 546.4

Storage: Keep away from direct sunlight
Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Cy2 is a cyanine dye used for labeling amino groups in oligonucleotides, peptides, and proteins (λ excitation: 488 nm; λ emission: 520 nm).
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8302 mL	9.1508 mL	18.3016 mL
5 mM	0.366 mL	1.8302 mL	3.6603 mL
10 mM	0.183 mL	0.9151 mL	1.8302 mL
50 mM	0.0366 mL	0.183 mL	0.366 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.

Reference

Sandberg A, et al. Use of Time-Resolved Fluorescence To Improve Sensitivity and Dynamic Range of Gel-Based Proteomics. Anal Chem. 2016 Mar 15;88(6):3067-74.

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