

Cyanine5 NHS ester iodide

Chemical Properties

CAS No. :

Formula: C₃₆H₄₂IN₃O₄

Molecular Weight:

Keep away from direct sunlight

Storage: 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	Cyanine5 NHS ester iodide is a red-fluorescing dye used for labeling amino groups in peptides, proteins, and oligonucleotides [1].
Targets(IC50)	Others
In vitro	Cyanine-5 NHS ester, an amine-reactive red fluorescent dye, selectively reacts with the free amino groups in cysteine residues within terminal peptides. This reaction facilitates the end-capping of Poly(β -amino esters) (pBAEs) backbones [1].

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