

6-HEX

Chemical Properties

CAS No. : 155911-16-3

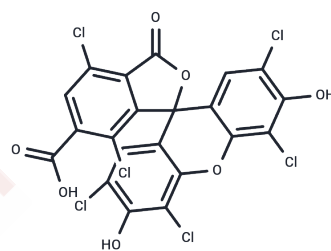
Formula: C₂₁H₆Cl₆O₇

Molecular Weight: 582.99

Keep away from direct sunlight

Storage: Store at -20°C

Actual storage temperature shall be subject to the COA.



Biological Description

Description	6-HEX is a fluorescent dye widely used in biochemistry for labeling nucleic acid sequences and real-time fluorescent quantitative PCR (qRT-PCR) assays with an excitation wavelength of 520 nm and an emission wavelength of 570 nm.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 100 mg/mL (171.53 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	1.7153 mL	8.5765 mL	17.153 mL
5 mM	0.3431 mL	1.7153 mL	3.4306 mL
10 mM	0.1715 mL	0.8576 mL	1.7153 mL
50 mM	0.0343 mL	0.1715 mL	0.3431 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

Dighe A, Jokerst N. On-chip fluorescence sensing for fluidics platforms using thin film silicon photodetectors. Biomed Opt Express. 2020 Sep 22;11(10):5772-5782.

Pesquet E, Barbier O, Ranocha P, Jauneau A, Goffner D. Multiple gene detection by in situ RT-PCR in isolated plant cells and tissues. Plant J. 2004 Sep;39(6):947-59.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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