6-HEX

Cat. No.: HY-114289

CAS No.: 155911-16-3

Molecular Formula: $C_{21}H_6Cl_6O_7$

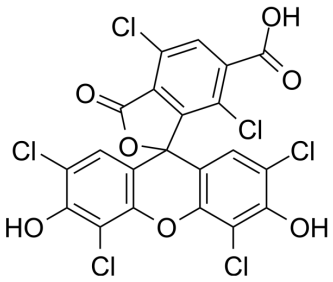
Molecular Weight: 582.99

Target: Fluorescent Dye

Pathway: Others

Storage: -20°C, protect from light

* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (214.41 mM; Need ultrasonic)

Preparing Stock Solutions	Mass / Solvent / Concentration	1 mg	5 mg	10 mg
	1 mM	1.7153 mL	8.5765 mL	17.1530 mL
	5 mM	0.3431 mL	1.7153 mL	3.4306 mL
	10 mM	0.1715 mL	0.8576 mL	1.7153 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

6-HEX is one kind of light base group, the wave length is 532 nm, the wave length is 556 nm. 6-HEX can be used to record nucleic acid sequences and design optical materials. 6-HEX can be used to record nucleic acids at 543 nm radiation, and at 550 nm and 650 nm radiation (5 nm radiation), it can be used to directly locate the base of the cell group[1][2].

In Vitro

When using 6-HEX, it is possible to remove the water at a rate of 300 nM to 20 μM[1].

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

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

[2]. Pesquet E, et al. Multiple gene detection by in situ RT-PCR in isolated plant cells and tissues. Plant J. 2004 Sep;39(6):947-59.

Caution: Product has not been fully validated for medical applications. For research use only.

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