

## 5-diacetate FAM NHS

## Chemical Properties

CAS No. : 150206-05-6

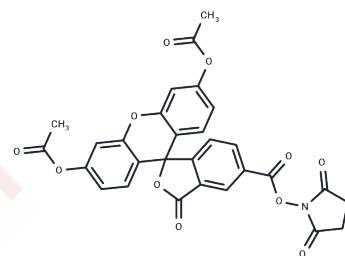
Formula: C29H19N011

Molecular Weight: 557.46

Appearance: Solid

Storage: keep away from direct sunlight, store at low temperature

Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## Biological Description

Description	5-diacetate FAM NHS (5-CFDA SE) is a cell-permeable fluorescent tracer for use in fluorescence microscopy and flow cytometry, Ex=492 nm, Em=517 nm.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 16 mg/mL (28.7 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	1.7939 mL	8.9693 mL	17.9385 mL
5 mM	0.3588 mL	1.7939 mL	3.5877 mL
10 mM	0.1794 mL	0.8969 mL	1.7939 mL
50 mM	0.0359 mL	0.1794 mL	0.3588 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.

## Reference

Ma, Q., Yu, J., Liu, L. et al. TRAF6 triggers Mycobacterium-infected host autophagy through Rab7 ubiquitination. *Cell Death Discov.* 9, 427 (2023).

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