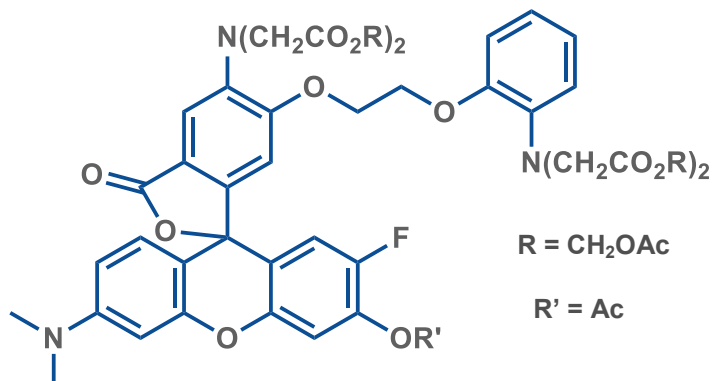


## Fluo-Gold AM



### Description

CAS number	N/A
PubChem CID	N/A
Molecular Weight	1106 g/mol
Solubility	DMSO

### Absorbance Spectrum\*

Solvent	High-Calcium Buffer
Absorbance max	520 ± 3 nm

### <sup>1</sup>H NMR Spectrum

Solvent	Deuterated Chloroform
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Only relevant product peaks – with appropriate chemical shifts and peak integrations – and solvent peaks present.

### LCMS

Column	Agilent Infinity Lab Poroshell 120 ECC18, 30 x 150 mm, 2.7 μm C <sub>18</sub>
UV-Vis Diode Array Detector	254 nm
Purity	≥ 90%
Single Quad MS Detector	ESI positive
Molecular Ion	1106.31 ± 0.5 amu (MH <sup>+</sup> ) 1128.29 ± 0.5 amu (MNa <sup>+</sup> ) 553.66 ± 0.5 amu (MH <sub>2</sub> <sup>2+</sup> )

### Fluorescence Spectrum\*

Solvent	High-Calcium Buffer
Excitation max	517 ± 3 nm
Emission max	550 ± 3 nm

\*AM esters hydrolyzed to ion-sensing salt form prior to acquiring spectral data