

## Product Information

### 6-Carboxyfluorescein, Purity ≥98%

**Cat. No.:** X24-09-YM1387

**Size:** 100 mg; 200 mg; 500 mg; 1 g

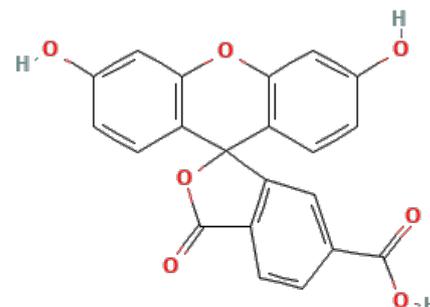
**MDL:** MFCD00036873

**CAS Number:** 3301-79-9

**Compound CID:** 76806

**Synonym:** 3301-79-9; 6-FAM;

3',6'-Dihydroxy-1-oxospiro[2-benzofuran-3,9'-xanthene]-5-carboxylic acid



**This product is for research use only and is not intended for diagnostic use.**

#### Product Information

<b>Description</b>	6-Carboxyfluorescein contains a carboxylic acid. The molecular weight of the compound is 376.32, and its molecular formula is C <sub>21</sub> H <sub>12</sub> O <sub>7</sub> .
<b>Molecular Weight</b>	376.32
<b>Molecular Formula</b>	C <sub>21</sub> H <sub>12</sub> O <sub>7</sub>
<b>IUPAC Name</b>	3',6'-Dihydroxy-1-oxospiro[2-benzofuran-3,9'-xanthene]-5-carboxylic acid
<b>InChI</b>	InChI=1S/C21H12O7/c22-11-2-5-14-17(8-11)27-18-9-12(23)3-6-15(18)21(14)16-7-10(19(24)25)1-4-13(16)20(26)28-21/h1-9,22-23H,(H,24,25)
<b>InChI Key</b>	BZTDTCNHAFUJOG-UHFFFAOYSA-N
<b>Canonical SMILES</b>	C1=CC2=C(C=C1C(=O)O)C3(C4=C(C=C(C=C4)O)OC5=C3C=CC(=C5)O)OC2=O
<b>Form</b>	Lyophilized powder
<b>Purity</b>	≥98%
<b>Impurities</b>	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
<b>Identity</b>	Confirmed by NMR/HPLC/MS.
<b>Stability</b>	In its lyophilized form, the chemical remains stable for 36 months.
<b>Quality Level</b>	Research grade
<b>Applications</b>	6-Carboxyfluorescein can be used for its ability to investigate enzymatic activity, especially hydrolase enzymes that cleave ester bonds.
<b>Storage</b>	Store at -20°C, and keep desiccated.