



Product Information

Fluorescein diacetate

Cat. No.: X24-11-LY397

Size: 5 mg; 10 mg; 25 mg; 50 mg; 100 mg

MDL: MFCD00005062

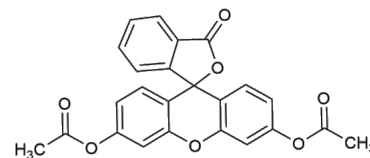
CAS Number: 596-09-8

Compound CID: 65047

Synonym: 596-09-8; Di-O-acetylfluorescein; 3',6'-Diacetylfluorescein;

Diacetylfluorescein; Fluorescein 3',6'-diacetate; Fluorescein diacetate;

Spiro(isobenzofuran-1(3H),9'-(9H)xanthen)-3-one, 3',6'-bis(acetyloxy)-



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

Product Information

Description	Fluorescein diacetate is a fluorescein substrate with two acetyl groups.
Molecular Weight	416.38
Molecular Formula	C ₂₄ H ₁₆ O ₇
IUPAC Name	(6'-Acetyloxy-3-oxospiro[2-benzofuran-1,9'-xanthene]-3'-yl) acetate
InChI	InChI=1S/C24H16O7/c1-13(25)28-15-7-9-19-21(11-15)30-22-12-16(29-14(2)26)8-10-20(22)24(19)18-6-4-3-5-17(18)23(27)31-24/h3-12H,1-2H3
InChI Key	CHADEQDQBURGHL-UHFFFAOYSA-N
SMILES string	CC(=O)OC1=CC2=C(C=C1)C3(C4=C(O2)C=C(C=C4)OC(=O)C)C5=CC=CC=C5C(=O)O3
Form	Powder
Purity	≥95%
Identity	Confirmed by NMR.
Melting Point	205°C
Boiling Point	604.70°C
Applications	Fluorescein diacetate can be used for quantitative analysis in cell assays and histological methods.
Storage	Store at -20°C.