

Product Information

Fluorescein di-β-D-glucopyranoside

Cat. No.: X24-11-LY101

Size: 1 mg; 2 mg; 5 mg; 10 mg; 25 mg

MDL: MFCD00133328

CAS Number: 129787-66-2

Compound CID: 12990127

Synonym: 129787-66-2; FDGlu;

3',6'-Bis(((2*S*,3*R*,4*S*,5*S*,6*R*

)-3,4,5-trihydroxy-6-(hydroxymethyl)te

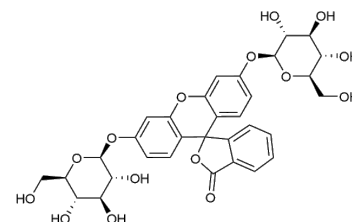
trahydro-2*H*-pyran-2-yl)oxy)-3*H*-spiro[isobenzofuran-1,9'-xanthen]-3-one;

3',6'-Bis[[[(2*S*,3*R*,4*S*,5*S*,6*R*

)-3,4,5-trihydroxy-6-(hydroxymethyl)oxan-2-yl]oxy]spiro[2-benzofuran-3,9'-xanthene]-1

-one

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



Product Information

Description	Fluorescein di-β-D-glucopyranoside is a fluorescein substrate inhibits amide hydrolase and fatty acid amide hydrolase activities.
Molecular Weight	656.59
Molecular Formula	C ₃₂ H ₃₂ O ₁₅
IUPAC Name	3',6'-Bis[[[(2 <i>S</i> ,3 <i>R</i> ,4 <i>S</i> ,5 <i>S</i> ,6 <i>R</i>)-3,4,5-trihydroxy-6-(hydroxymethyl)oxan-2-yl]oxy]spiro[2-benzofuran-3,9'-xanthene]-1-one
InChI	InChI=1S/C32H32O15/c33-11-21-23(35)25(37)27(39)30(45-21)42-13-5-7-17-19(9-13)44-20-10-14(43-31-28(40)26(38)24(36)22(12-34)46-31)6-8-18(20)32(17)16-4-2-1-3-15(16)29(41)47-32/h1-10,21-28,30-31,33-40H,11-12H2/t21-,22-,23-,24-,25+,26+,27-,28-,30-,31-/m1/s1
InChI Key	ZTOBILYWTYHOJB-LWXMCBIJSA-N
SMILES string	C1=CC=C2C(=C1)C(=O)OC23C4=C(C=C(C=C4)O[C@H]5[C@@H]([C@H]([C@@H]([C@H](O5)CO)O)O)OC6=C3C=CC(=C6)O[C@H]7[C@@H]([C@H]([C@@H]([C@H](O7)CO)O)O)O
Form	Powder
Purity	≥96%, determined by HPLC.
Identity	Confirmed by NMR.



Applications

Fluorescein di- β -D-glucoopyranoside can be used as fluorescent probe.

Storage

Store at -20°C.
