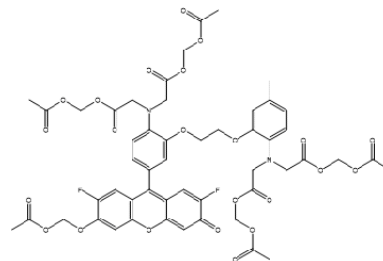


Fluo-4 AM

Catalog Number: BC-0965

CAS Number: 273221-67-3

Price: [Online Inquiry](#)



Catalog Number	Price
BC-0965	Online Inquiry

Product Information	
Molecular Formula	C ₅₁ H ₅₀ F ₂ N ₂ O ₂₃
Molecular Weight	1097
Purity	≥ 95%
SMILES	<chem>CC1=CC(=C(C=C1)N(CC(=O)OCOC(=O)C)CC(=O)OCOC(=O)C)OCCOC2=C(C=CC(=C2)C3=C4C=C(C(C(=O)C=C4OC5=CC(=C(C=C5)F)OCOC(=O)C)F)N(CC(=O)OCOC(=O)C)CC(=O)OCOC(=O)C</chem>
InChi	InChI=1S/C51H50F2N2O23/c1-28-7-9-39(54(19-47(62)74-24-69-30(3)57)20-48(63)75-25-70-31(4)58)45(13-28)66-11-12-67-46-14-34(8-10-40(46)55(21-49(64)76-26-71-32(5)59)22-50(65)77-27-72-33(6)60)51-35-15-37(52)41(61)17-42(35)78-43-18-44(38(53)16-36(43)51)73-23-68-29(2)56/h7-10,13-18H,11-12,19-27H2,1-6H3
InChi Key	QOMNQGXFXFYNBNG-UHFFFAOYSA-N
Alternate Name	Calcium (Ca ²⁺) indicator; Fluo-4 membrane permeable; Fluo-4 acetoxymethyl ester; Fluorescent Calcium indicator
Appearance	Red orange powder

Properties	
Storage Conditions	-20°C
Shipping Conditions	Gel Pack
Solubility	~1 mg/ml in DMSO