FLUO 3/AM

Fluorescent probe for Ca^{2+}. Cell permeable.

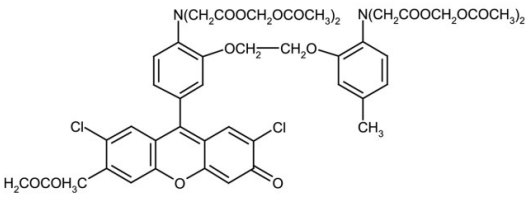
Cell permeable analog of FLUO 3. Fluorescent probe for Ca^{2+}. After crossing the membrane, the product is quickly metabolized by cytoplasmic esterases to the membrane impermeant FLUO 3.

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Ordering Information Order Online »

ALX-620-003-M001	1mg

Manuals, SDS & CofA View Online »


N(CH2COOCH2OCOCH3)2
N(CH2COOCH2OCOCH3)2
OCH2—CH2O
Cl
Cl
CH3
H2COCOH3C
O
O

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Handling	Protect from light.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	1-[Amino-5-(2,7-dichloro-6-acetomethoxy-3-oxo-3H-xanthen-9-yl)phenoxy]-2-(2′-amino-5′-methylphenoxy)ethane-N,N,N’,N’-tetraacetic acid, pentaacetoxy-methyl ester
Appearance	Red solid.
CAS	121714-22-5
Formula	$C_{51}H_{50}Cl_2N_2O_{23}$
Identity	Determined by 1H-NMR and fluorescence.
MW	1129.9
Purity	≥85% (HPLC)
Solubility	Soluble in DMSO (0.9mg/ml) and acetonitrile (2mg/ml).

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