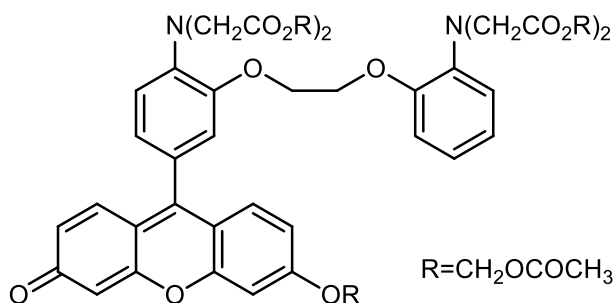


Catalog # 10-1322

Fluo-8 (AM)

Lot # X106513



Cell-permeable acetoxymethyl (AM) ester derivative of Fluo-8. Approximately twice as bright as Fluo-4. Absorbance 452 nm (26,000); Emission 515 nm (after AM hydrolysis; dissolved in 10 mM EGTA, 100 mM KCl, 10 mM MOPS, pH 7.2)

- 1) Minta *et al.* (1989), *Fluorescent indicators for cytosolic calcium based on rhodamine and fluorescein chromophores*; J. Biol. Chem., **264** 8171

PHYSICAL DATA

Molecular Weight:	1046.96
Molecular Formula:	C ₅₀ H ₅₀ N ₂ O ₂₃
Purity:	95% by HPLC
	NMR: (Conforms)
	MS: (Conforms)
Solubility:	DMSO (up to 25 mg/ml)
Physical Description:	Dark waxy solid
Storage and Stability:	Store as supplied at -20°C for up to 2 years from the date of purchase. Solutions in DMSO may be stored at -20°C for up to 2 months.

Materials provided by Focus Biomolecules are for laboratory research use only and are not intended for human or veterinary applications.

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