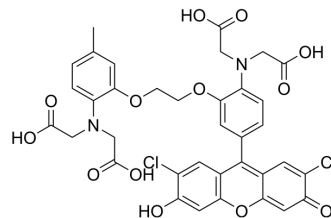


Fluo-3

Cat. No.:	HY-126821
CAS No.:	123632-39-3
Molecular Formula:	C ₃₆ H ₃₀ Cl ₂ N ₂ O ₁₃
Molecular Weight:	769.54
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Fluo-3 and related molecule Fluo3/AM are used as a fluorescence indicator of intracellular calcium (Ca²⁺). Fluo-3 may be used for flow cytometry and confocal laser scanning microscopy using visible light excitation (compatible with argon laser sources operating at 488 nm). Fluorescence intensity increases about 40-fold after calcium binding.

Caution: Product has not been fully validated for medical applications. For research use only.

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