



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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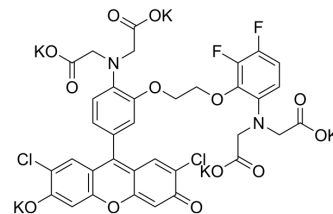
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Fluo-3FF pentapotassium

Cat. No.:	HY-D1447
CAS No.:	348079-14-1
Molecular Formula:	C ₃₅ H ₂₁ Cl ₂ F ₂ K ₅ N ₂ O ₁₃
Molecular Weight:	981.94
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Fluo-3FF pentapotassium is a cell-permeable acetoxymethyl ester of Fluo-3FF, a fluorescent calcium indicator. Fluo-3FF is a di-fluorinated analog of Fluo-3 with a 100-fold lower affinity than Fluo-3 for calcium ($K_{ds} = 42$ and $0.4 \mu\text{M}$, respectively). For its low affinity, Fluo-3FF is used for studying compartments with high concentrations of calcium, such as endoplasmic reticulum, where high affinity dyes will be insensitive to luminal fluctuations.

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

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