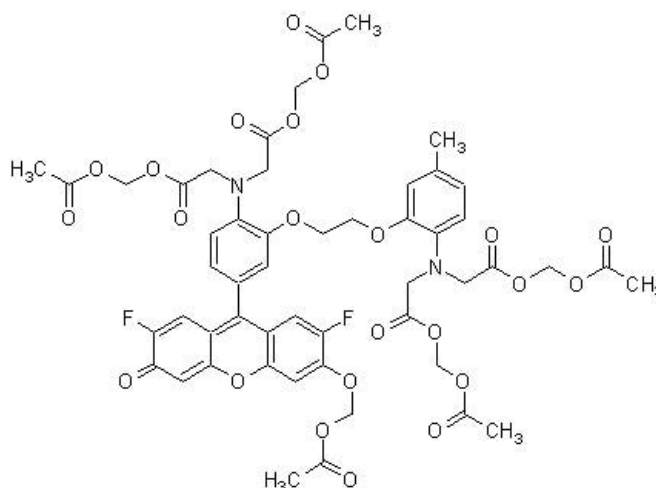


# Fluo-4 AM, Fluorescent labeling reagent ab241082

## 1 References

### 製品の概要

製品名	Fluo-4 AM, Fluorescent labeling reagent
製品の詳細	Fluorescent labeling reagent for the detection of intracellular calcium
精製度	> 98%
CAS 番号	273221-67-3
構造式	



### 製品の特性

励起波長	494nm
蛍光波長	516nm
体系名	4-(6-Acetoxymethoxy-2,7-difluoro-3-oxo-9-xanthenyl)-4'-methyl-2,2'-(ethylenedioxy)dianiline-N,N,N',N'-tetraacetic acid tetrakis(acetoxymethyl) ester
分子量	1096.95
分子式	C <sub>51</sub> H <sub>50</sub> F <sub>2</sub> N <sub>2</sub> O <sub>23</sub>
PubChem 登録番号	4060965
保存方法	Shipped at 4°C. Store at -20°C. Store In the Dark. Store under desiccating conditions.
溶解性	Soluble in DMSO to 1 mM.
使用に関する注意	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in

tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

#### SMILES 線形表記

CC(=O)OCOC(=O)CN(CC(=O)OCOC(C)=O)c5ccc(C)cc5OCCOc1cc(ccc1N(CC(=O)OCOC(C)=O)CC(=O)OCOC(C)=O)C=2c4cc(F)c(cc4OC3=CC(=O)C(F)=CC=23)OCOC(C)=O

#### 由来

Synthetic

#### アプリケーション

**The Abpromise guarantee**      Abpromise保証は、次のテスト済みアプリケーションにおけるab241082の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
Fluorescent Cell Imaging		Use at an assay dependent concentration.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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