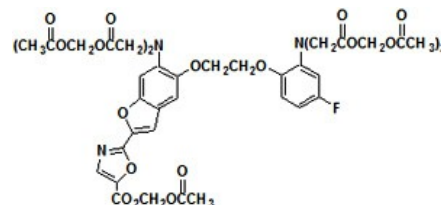


Fura-4F, AM

Product Information

. Ratiometric calcium indicator for high Ca^{2+} concentrations

Name :	Fura-4F, AM	
Catalog Number :	FP-R1237A	10 x 50 µg
	FP-R1237B	500 µg
Structure :	$C_{43}H_{44}FN_3O_{24}$	
Molecular Weight :	MW= 1005,84	
Solubility:	DMSO, DMF, EtOAc, CH_3CN , CH_2Cl_2	
Absorption / Emission :	$\lambda_{exc} \backslash \lambda_{em}$ (EtOAc) = 371 / 475 nm	
	$\lambda_{exc} \backslash \lambda_{em}$ (after hydrolysis) = 336 / 505 nm	
EC ($M^{-1} cm^{-1}$) :	21000	



Storage: -20°C Protect from light and moisture

Introduction

A cell membrane permeable form of Fura-2 which can be loaded into the cell where it is hydrolysed by cytosolic esterases and trapped as the active chelator. Fura-4F has a higher K_d value (0.77 µM) versus (0.14 µM) for Fura-2. Therefore it could be used as a ratiometric calcium indicator.

Directions for use

Guidelines for use

Protocol may found in the literature.

Related products

- Fura-2, AM, [FP-42776C](#)
- Fluo-3, AM, [FP-78932C](#)
- Fluo-8 NW, [CJ2560](#)
- Fura-2FF AM, [FP-AM629A](#)
- Calcium Calibration buffer kit, zero and 10mM CaEGTA (2x50ml), [FP-21527A](#)

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Ordering information

Catalog size quantities and prices may be found at <http://www.interchim.com>

Please inquire for higher quantities (availability, shipment conditions).

For any information, please ask : FluoProbes® / Interchim; Hotline : +33(0)4 70 03 73 06

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