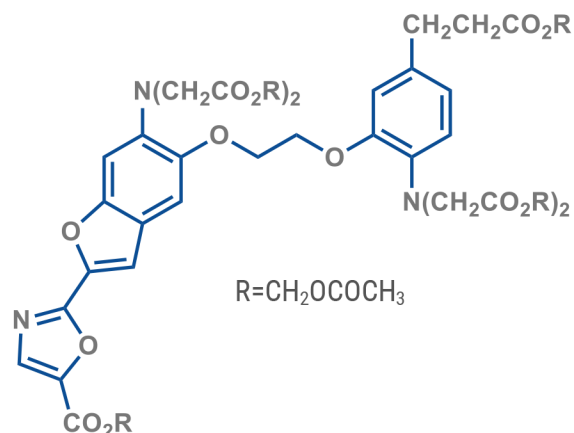


# Product Specifications

Catalog Number: 1061B | 1061E



## Fura-2 LR AM



### Description

CAS number	172890-84-5
PubChem CID	N/A
Molecular Weight	1132 g/mol
Solubility	DMSO
K <sub>d</sub> for Ca <sup>2+</sup>	145 nM

### Absorbance Spectrum

Solvent	Ethyl acetate
Absorbance max	371 ± 3 nm

### <sup>1</sup>H NMR Spectrum

Solvent	Deuterated acetone
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Only relevant product peaks – with appropriate chemical shifts and peak integrations – and solvent peaks present.

### LCMS

Column	Agilent Infinity Lab Poroshell 120 ECC18, 30 x 50 mm, 2.7 μm C <sub>18</sub>
UV-Vis Diode Array Detector	254 nm
Purity	≥ 95%
Single Quad MS Detector	ESI positive
Molecular Ion	1133.07 ± 0.5 amu (MH <sup>+</sup> ) 1155.07 ± 0.5 amu (MNa <sup>+</sup> )

### Fluorescence Spectrum

Solvent	Ethyl Acetate
Excitation max	340, 380 nm
Emission max	505 nm

### TLC

Solvent	5:2 Ethyl Acetate / Hexane
R <sub>f</sub>	0.4