



# 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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# PRODUCT INFORMATION



## Fura-2 Leakage Resistant (potassium salt)

Item No. 34994

**Formal Name:** 2,2'-((2-(2-((6-(bis(carboxylatomethyl)amino)-2-(5-carboxylatooxazol-2-yl)benzofuran-5-yl)oxy)ethoxy)-4-(2-carboxylatoethyl)phenyl)azanediyl) diacetate, pentapotassium salt

**Synonyms:** Fura-2 LR, Fura-PE3

**MF:** C<sub>31</sub>H<sub>23</sub>K<sub>6</sub>N<sub>3</sub>O<sub>16</sub> • 5K

**FW:** 1,123.6

**Purity:** ≥90%

**Ex./Em. Max:** 340 and 380/505 nm

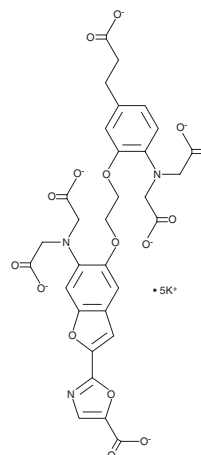
**Supplied as:** A solid

**Storage:** -20°C

**Stability:** ≥4 years

**Special Conditions:** Protect from light and moisture

Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.



### Description

Fura-2 leakage resistant is a cell-impermeable, ratiometric fluorescent calcium indicator. It binds to calcium ( $K_d = 145$  nM) and displays excitation maxima of 340 and 380 nm when calcium-bound or calcium-free, respectively, when the emission is fixed at 505 nm. Fura-2 leakage resistant can be used in lipid membrane-free systems or liposomes or can be introduced into cells by electroporation, microinjection, or other methods. Fura-2 leakage resistant is also available in a cell-permeable form (Item No. 34993).

WARNING  
THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA  
This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent via email to your institution.

WARRANTY AND LIMITATION OF REMEDY  
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