



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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# PRODUCT INFORMATION



## Fluo-2 (potassium salt)

Item No. 35764

**Formal Name:** 2,2'-((2-(2-(2-(bis(carboxylatomethyl)amino)-5-(6-oxido-3-oxo-3H-xanthen-9-yl)phenoxy)ethoxy)-4-methylphenyl)azanediy)diacetate

**Synonyms:** Fluo-2 HA, Fluo-2 High Affinity

**MF:** C<sub>36</sub>H<sub>27</sub>N<sub>2</sub>O<sub>13</sub> • 5K

**FW:** 891.1

**Purity:** ≥95%

**UV/Vis.:** λ<sub>max</sub>: 254 nm

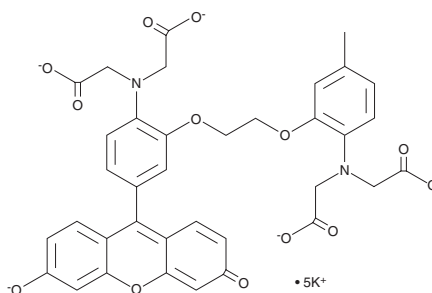
**Ex./Em. Max:** 490/515 nm

**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

Fluo-2 is a cell-impermeable fluorescent calcium indicator. It binds to calcium ( $K_d = 290$  nM) and displays excitation/emission maxima of 490/515 nm, respectively. Fluo-2 is also available in a cell-permeable form (Item No. 35758).

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.

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