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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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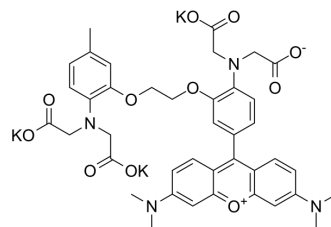
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Rhod-2 potassium

| | |
|--------------------|---|
| Cat. No.: | HY-136784 |
| CAS No.: | 663625-18-1 |
| Molecular Formula: | C ₄₀ H ₃₉ K ₃ N ₄ O ₁₁ |
| Molecular Weight: | 869.05 |
| Target: | Fluorescent Dye |
| Pathway: | Others |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

Rhod-2 (potassium salt) is a water-soluble, red fluorescent calcium indicator. It exhibits a significant shift in fluorescence intensity upon calcium binding (ex max=549 nm; calcium-free v. ex/em max=552/581 nm; calcium-bound). Unlike the UV-excitable indicators fura-2 and indo-1 (HY-D0121), there is no accompanying spectral shift.

REFERENCES

[1]. Minta, et al. Fluorescent indicators for cytosolic calcium based on rhodamine and fluorescein chromophores. J. Biol. Chem. 264(14), 8171-8178 (1989).

Caution: Product has not been fully validated for medical applications. For research use only.

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