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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



IPG-1 TMA

Item No. 35543

CAS Registry No.: 1369302-17-9
Formal Name: N,N,N-trimethyl-methanaminium, 4,5-dichloro-9-[4-[16-(4-formyl-2-methoxyphenyl)-1,4,10,13-tetraoxa-7,16-diazacyclooctadec-7-yl]-3-methoxyphenyl]-6-hydroxy-3-oxo-3H-xanthene-2,7-dipropanoate (3:1)

Synonyms: APG-1, Asante Potassium Green-1, ION Potassium Green-1

MF: $C_{46}H_{47}Cl_2N_2O_{14} \cdot 3C_4H_{12}N$

FW: 1,145.2

Purity: $\geq 90\%$

UV/Vis.: λ_{max} : 254 nm

Ex./Em. Max: 525/545 nm

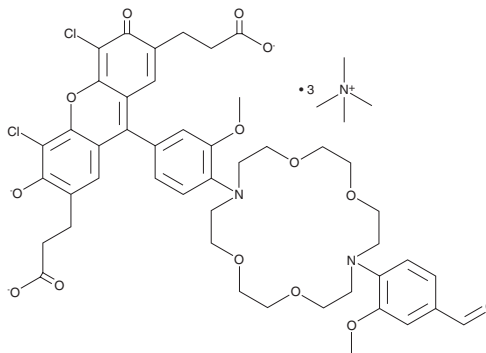
Supplied as: A solid

Storage: $-20^{\circ}C$

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

IPG-1 TMA is a cell-impermeable fluorescent potassium indicator. It binds to potassium ($K_d = 50$ mM) and displays excitation/emission maxima of 525/545 nm, respectively, and can be used in lipid membrane-free systems or liposomes or can be introduced into cells by electroporation, microinjection, or other methods. IPG-1 TMA is also available in a cell-permeable form (Item No. 35542).

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
Buyer agrees to purchase the material subject to Cayman's Terms and Conditions. Complete Terms and Conditions including Warranty and Limitation of Liability information can be found on our website.

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