SZABO SCANDIC

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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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Azure A chloride

Cat. No.: HY-D0947

CAS No.: 531-53-3

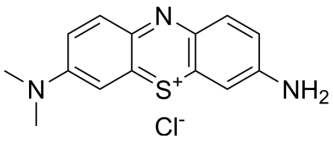
Molecular Formula: $C_{14}H_{14}ClN_3S$

Molecular Weight: 292

Target: Fluorescent Dye

Pathway: Others

Storage: 4°C, sealed storage, away from moisture and light
* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro	H_2O : < 0.1 mg/mL (ultrasonic;warming;heat to 60°C) (insoluble)

BIOLOGICAL ACTIVITY

Description	Azure A (chloride) is a phenothiazine dye. Azure A (chlorine) is formed by oxidation of methylene blue and has strong metachromatic. Azure A (chlorine) can be used for the study of stains and redox media for electrochemical biosensing[1][2].

REFERENCES

[1]. Snehalatha M, et al. Azure A chloride: computational and spectroscopic study[J]. Journal of Raman Spectroscopy: An International Journal for Original Work in all Aspects of Raman Spectroscopy, Including Higher Order Processes, and also Brillouin and Rayleigh Scattering, 2009, 40(2): 176-182.

[2]. Shahab S, et al. Photochromic properties of the molecule Azure A chloride in polyvinyl alcohol matrix[J]. Journal of Molecular Structure, 2015, 1101: 109-115.

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