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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

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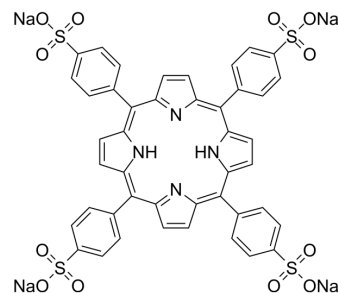
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TSPP tetrasodium

Cat. No.:	HY-W035051
CAS No.:	39050-26-5
Molecular Formula:	C ₄₄ H ₂₆ N ₄ Na ₄ O ₁₂ S ₄
Molecular Weight:	1022.92
Target:	Fluorescent Dye
Pathway:	Others
Storage:	4°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



BIOLOGICAL ACTIVITY

Description

TSPP tetrasodium is a photosensitizer that has shown impressive effects in in vivo regression of cancer and microorganism infections (Ex: 413 nm, Em: 640 nm)^{[1][2]}.

REFERENCES

- [1]. Ding J, et al. In vivo photodynamic therapy and magnetic resonance imaging of cancer by TSPP-coated Fe₃O₄ nanoconjugates. J Biomed Nanotechnol. 2010 Dec;6(6):683-6.
- [2]. Kathiravan A, et al. Interaction of meso-tetrakis (p-sulfonatophenyl) porphyrin (TSPP) with pyrimidines: A steady state and time-resolved fluorescence quenching study. Journal of Molecular Structure, 2009, 919(1-3): 79-82.

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

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