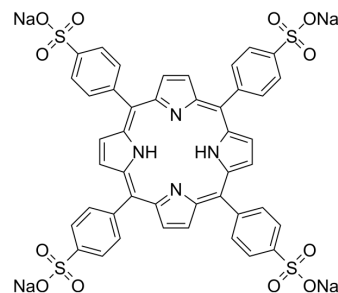


## TSPP tetrasodium

<b>Cat. No.:</b>	HY-W035051
<b>CAS No.:</b>	39050-26-5
<b>Molecular Formula:</b>	$C_{44}H_{26}N_4Na_4O_{12}S_4$
<b>Molecular Weight:</b>	1022.92
<b>Target:</b>	Fluorescent Dye
<b>Pathway:</b>	Others
<b>Storage:</b>	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

<b>Description</b>	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) <sup>[1][2]</sup> .
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## REFERENCES

- [1]. Ding J, et al. In vivo photodynamic therapy and magnetic resonance imaging of cancer by TSPP-coated Fe<sub>3</sub>O<sub>4</sub> 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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