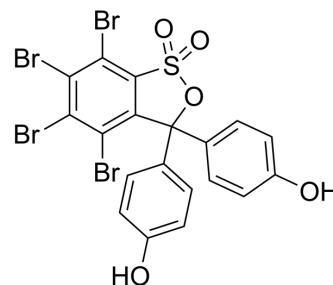


3,4,5,6-Tetrabromophenolsulfonephthalein

Cat. No.:	HY-D0895
CAS No.:	77172-72-6
Molecular Formula:	C ₁₉ H ₁₀ Br ₄ O ₅ S
Molecular Weight:	669.96
Target:	Fluorescent Dye
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (186.58 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.4926 mL	7.4631 mL	14.9263 mL
	5 mM	0.2985 mL	1.4926 mL	2.9853 mL
	10 mM	0.1493 mL	0.7463 mL	1.4926 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

3,4,5,6-Tetrabromophenolsulfonephthalein is a stain for cell biology^[1].

REFERENCES

[1]. Semenova D, et al. Model-based analysis of biocatalytic processes and performance of microbioreactors with integrated optical sensors. N Biotechnol. 2020 May 25;56:27-37.

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

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