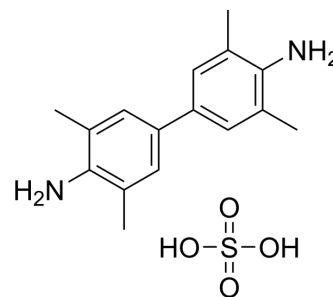


TMB monosulfate

Cat. No.:	HY-15930C
CAS No.:	54827-18-8
Molecular Formula:	C ₁₆ H ₂₂ N ₂ O ₄ S
Molecular Weight:	338.42
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

DMSO : ≥ 28 mg/mL (82.74 mM)
 H₂O : 2.78 mg/mL (8.21 mM); ultrasonic and warming and heat to 60°C
 * "≥" means soluble, but saturation unknown.

	Solvent		Mass		
	Concentration		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		2.9549 mL	14.7745 mL	29.5491 mL
	5 mM		0.5910 mL	2.9549 mL	5.9098 mL
	10 mM		0.2955 mL	1.4775 mL	2.9549 mL

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

BIOLOGICAL ACTIVITY

Description

TMB monosulfate is a chromogenic substrate used in staining procedures in immunohistochemistry as well as being a visualizing reagent used in enzyme-linked immunosorbent assays (ELISA).

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

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