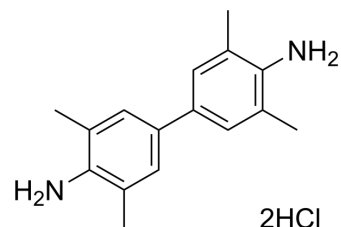


TMB dihydrochloride

Cat. No.:	HY-15930A
CAS No.:	64285-73-0
Molecular Formula:	C ₁₆ H ₂₂ Cl ₂ N ₂
Molecular Weight:	313.27
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 : ≥ 33 mg/mL (105.34 mM)
 H₂O : 11.11 mg/mL (35.46 mM; Need ultrasonic)
 * "≥" means soluble, but saturation unknown.

	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.1921 mL	15.9607 mL	31.9213 mL
	5 mM	0.6384 mL	3.1921 mL	6.3843 mL
	10 mM	0.3192 mL	1.5961 mL	3.1921 mL

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

BIOLOGICAL ACTIVITY

Description

TMB dihydrochloride (BM blue dihydrochloride) is a chromogenic substrate used in staining procedures in immunohistochemistry as well as being a visualising 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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