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Produktinformation



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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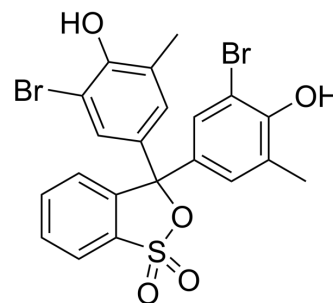
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Bromocresol purple

Cat. No.:	HY-W087928
CAS No.:	115-40-2
Molecular Formula:	C ₂₁ H ₁₆ Br ₂ O ₅ S
Molecular Weight:	540.22
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Store at room temperature 3 years In solvent -80°C 2 years -20°C 1 year



SOLVENT & SOLUBILITY

In Vitro

Ethanol : 12.5 mg/mL (23.14 mM; Need ultrasonic)

	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.8511 mL	9.2555 mL	18.5110 mL
	5 mM	0.3702 mL	1.8511 mL	3.7022 mL
	10 mM	0.1851 mL	0.9255 mL	1.8511 mL

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

BIOLOGICAL ACTIVITY

Description

Bromocresol purple is a pH indicator, whose color changes from yellow to purple when the pH increases from 5.2 to 6.8. Bromocresol purple can be used for detecting yeast cells with plasma membrane damage^{[1][2]}.

REFERENCES

- [1]. Lei K J, et al. Screening and analysis of rhizosphere acidification deficiency mutants in Arabidopsis thaliana under low phosphorus[J]. Soil and Plant Nutrition, 2015, 61(3):1-8.
- [2]. Kurzweilová H, et al. Fluorescent staining with bromocresol purple: a rapid method for determining yeast cell dead count developed as an assay of killer toxin activity. Yeast. 1993 Nov;9(11):1207-11.

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

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