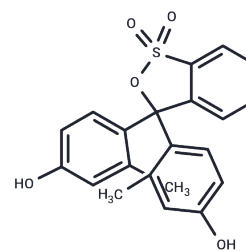


3-Cresol purple

Chemical Properties

CAS No. :	2303-01-7
Formula:	C ₂₁ H ₁₈ O ₅ S
Molecular Weight:	382.43
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	3-Cresol purple is a bioactive chemical.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6149 mL	13.0743 mL	26.1486 mL
5 mM	0.523 mL	2.6149 mL	5.2297 mL
10 mM	0.2615 mL	1.3074 mL	2.6149 mL
50 mM	0.0523 mL	0.2615 mL	0.523 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

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- Mitchell RP, Baumgartner JC, Sedgley CM. Apical extrusion of sodium hypochlorite using different root canal irrigation systems. *J Endod*. 2011 Dec;37(12):1677-81. doi: 10.1016/j.joen.2011.09.004. Epub 2011 Oct 22. PubMed PMID: 22099904.
- Ensafi AA, Rezaei B, Nouroozi S. Highly selective spectrophotometric flow-injection determination of trace amounts of bromide by catalytic effect on the oxidation of m-cresolsulfonephthalein by periodate. *Spectrochim Acta A Mol Biomol Spectrosc*. 2004 Jul;60(8-9):2053-7. PubMed PMID: 15248985.

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