

Mordant red 19

Chemical Properties

CAS No. :	1934-24-3
Formula:	C ₁₆ H ₁₃ ClN ₄ NaO ₅ S
Molecular Weight:	431.8
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Mordant red 19, an azo dye, is a chemical compound characterized by (CAS #1250-80-0) with a chemical formula of C ₁₈ H ₁₃ N ₃ Na ₂ O ₈ S ₂ and a molar mass of 493.42.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3159 mL	11.5794 mL	23.1589 mL
5 mM	0.4632 mL	2.3159 mL	4.6318 mL
10 mM	0.2316 mL	1.1579 mL	2.3159 mL
50 mM	0.0463 mL	0.2316 mL	0.4632 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

Raggi MA, Sabbioni C, Forti GC. Extractive analysis of aluminum traces in dialysis solutions. J Pharm Biomed Anal. 2000 Jan;21(6):1191-6. PubMed PMID: 10708403.

Raggi MA, Sabbioni C, Mandrioli R, Zini Q, Forti GC. Fluorimetric determination of aluminum traces in hemodialysis solutions using Mordant Red 19. J Anal Toxicol. 1999 Mar-Apr;23(2):94-8. PubMed PMID: 10192411.

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