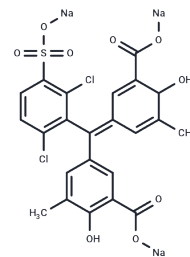


Mordant Blue 29

Chemical Properties

CAS No. :	1667-99-8
Formula:	C ₂₃ H ₁₅ Cl ₂ Na ₃ O ₉ S
Molecular Weight:	607.3
Storage:	Keep away from moisture, 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	Chromazurol S is a compound classified as an azo dye. It is frequently utilized as an indicator in analytical chemistry to detect metal ions such as copper, nickel, and cobalt. In the presence of these metal ions, Chromazurol S changes color from yellow to blue, enabling their detection and quantification. This compound can be applied on test papers or directly added to solutions for analysis.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6466 mL	8.2332 mL	16.4663 mL
5 mM	0.3293 mL	1.6466 mL	3.2933 mL
10 mM	0.1647 mL	0.8233 mL	1.6466 mL
50 mM	0.0329 mL	0.1647 mL	0.3293 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.

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