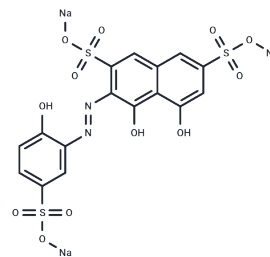


Acid chrome blue K

Chemical Properties

CAS No. : 3270-25-5
 Formula: C₁₆H₉N₂Na₃O₁₂S₃
 Molecular Weight: 586.413
 Storage: Store under nitrogen
 Store at RT

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Acid chrome blue K is a metal indicator. As the concentration of Mg ²⁺ decreases in the reaction solution, the color of the LAMP (Loop-mediated isothermal amplification) solution reacts with ACBK (Acid chrome blue K) and changes from red to blue.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7053 mL	8.5265 mL	17.0529 mL
5 mM	0.3411 mL	1.7053 mL	3.4106 mL
10 mM	0.1705 mL	0.8526 mL	1.7053 mL
50 mM	0.0341 mL	0.1705 mL	0.3411 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481