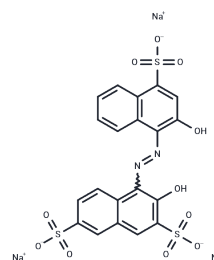


Hydroxynaphthol Blue

Chemical Properties

CAS No. :	63451-35-4
Formula:	C ₂₀ H ₁₁ N ₂ Na ₃ O ₁₁ S ₃
Molecular Weight:	620.47
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	Hydroxynaphthol Blue enables visual detection of tube assay closure and specifically detects the Ara h 1 gene for peanut allergen identification.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6117 mL	8.0584 mL	16.1168 mL
5 mM	0.3223 mL	1.6117 mL	3.2234 mL
10 mM	0.1612 mL	0.8058 mL	1.6117 mL
50 mM	0.0322 mL	0.1612 mL	0.3223 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

Yang Q, et al. Closed-tube saltatory rolling circle amplification with hydroxynaphthol blue for visual on-site detection of peanut as an allergenic food. Food Chem. 2022 Nov 1;393:133408.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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