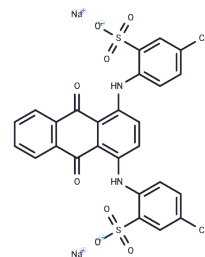


Alizarin Cyanine Green F

Chemical Properties

CAS No. :	4403-90-1
Formula:	C ₂₈ H ₂₀ N ₂ Na ₂ O ₈ S ₂
Molecular Weight:	622.58
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	Alizarin Cyanine Green F (NSC-41838) is an agent of green dye. It can be used to dye paper, chromed leather, wool, silk, and nylon (acid bath), to stain wood, and to color anodized aluminum, urea-melamine resin, and soap. It is used to color nylon 66 and/or nylon 6 nonabsorbable surgical sutures for use in general surgery and used for coloring drugs generally, including drugs intended for use in the area of the eye. Alizarin Cyanine Green F is also proposed for use in semi-permanent hair dye formulations as a direct dye at a maximum concentration of 0.3% in the finished cosmetic product.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: Slightly soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6062 mL	8.0311 mL	16.0622 mL
5 mM	0.3212 mL	1.6062 mL	3.2124 mL
10 mM	0.1606 mL	0.8031 mL	1.6062 mL
50 mM	0.0321 mL	0.1606 mL	0.3212 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

An Y, Zheng H, Yu Z, Sun Y, Wang Y, Zhao C, Ding W. Functioned hollow glass microsphere as a self-floating adsorbent: Rapid and high-efficient removal of anionic dye. J Hazard Mater. 2020 Jan 5;381:120971. doi: 10.1016/j.jhazmat.2019.120971. Epub 2019 Aug 10. PMID: 31421555.

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