# Data Sheet (Cat.No.T20187)



## Alizarin Cyanine Green F

#### **Chemical Properties**

CAS No.: 4403-90-1

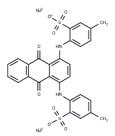
Formula: C28H20N2Na2O8S2

Molecular Weight: 622.58

Appearance: no data available

Storage: keep away from direct sunlight

Powder: -20°C for 3 years | In solvent: -80°C for 1 year



#### **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)

### **Preparing Stock Solutions**

10	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.

#### 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

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