

D & C Red no. 30

Chemical Properties

CAS No. : 2379-74-0

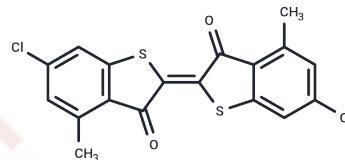
Formula: C₁₈H₁₀Cl₂O₂S₂

Molecular Weight: 393.3

Keep away from direct sunlight

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	D & C Red no. 30 is an agent of red dye.
Targets(IC50)	Others

Solubility Information

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

	1mg	5mg	10mg
1 mM	2.5426 mL	12.7129 mL	25.4259 mL
5 mM	0.5085 mL	2.5426 mL	5.0852 mL
10 mM	0.2543 mL	1.2713 mL	2.5426 mL
50 mM	0.0509 mL	0.2543 mL	0.5085 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

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- Idrees M, Sania B, Hafsa B, Kumari S, Khan H, Fazal H, Ahmad I, Akbar F, Ahmad N, Ali S, Ahmad N. Spectral lights trigger biomass accumulation and production of antioxidant secondary metabolites in adventitious root cultures of *Stevia rebaudiana* (Bert.). *C R Biol.* 2018 May 30. pii: S1631-0691(18)30085-4. doi: 10.1016/j.crvi.2018.05.003. [Epub ahead of print] PubMed PMID: 29859915.
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