

D&C Red no. 31

Chemical Properties

CAS No. : 6371-76-2

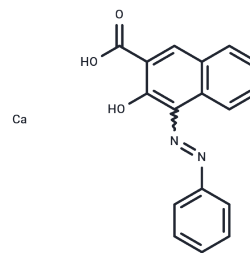
Formula: C₃₄H₂₂CaN₄O₆

Molecular Weight: 622.65

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. 31 is an agent of 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	1.606 mL	8.0302 mL	16.0604 mL
5 mM	0.3212 mL	1.606 mL	3.2121 mL
10 mM	0.1606 mL	0.803 mL	1.606 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

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- Rondanelli M, Faliva MA, Miccono A, Naso M, Nichetti M, Riva A, Guerriero F, De Gregori M, Peroni G, Perna S. Food pyramid for subjects with chronic pain: foods and dietary constituents as anti-inflammatory and antioxidant agents. *Nutr Res Rev.* 2018 Jun;31(1):131-151. doi: 10.1017/S0954422417000270. Epub 2018 Apr 22. PubMed PMID: 29679994.
- Barzegar-Kiadehi SR, Golbon Haghighi M, Jamshidi M, Notash B. Influence of the Diphosphine Coordination Mode on the Structural and Optical Properties of Cyclometalated Platinum(II) Complexes: An Experimental and Theoretical Study on Intramolecular Pt...Pt and π ... π Interactions. *Inorg Chem.* 2018 May 7;57(9):5060-5073. doi: 10.1021/acs.inorgchem.8b00137. Epub 2018 Apr 11. PubMed PMID: 29638116.

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