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Produktinformation



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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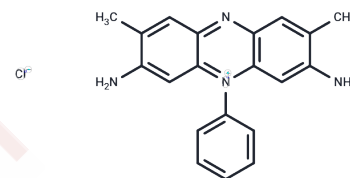
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Safranin O

Chemical Properties

CAS No. :	477-73-6
Formula:	C ₂₀ H ₁₉ ClN ₄
Molecular Weight:	350.85
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	Safranin O (Basic red 2) stains the lignified, embolic and keratinized parts of the plant, as well as chromatin and chromosomes in the nucleus. Safranin O is commonly used for the detection of cartilage, mucin and mast cell granules.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 20 mg/mL (57.01 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8502 mL	14.2511 mL	28.5022 mL
5 mM	0.570 mL	2.8502 mL	5.7004 mL
10 mM	0.285 mL	1.4251 mL	2.8502 mL
50 mM	0.057 mL	0.285 mL	0.570 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

Wan H, et al. Structure characterization and optical properties investigation of the four main components of the classical phenazinium dye Safranin O. *Analyst*. 2019;144(24):7149-7156.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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