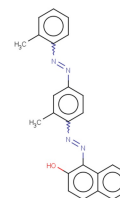


Sudan IV;Solvent Red 24

Chemical Properties

CAS No.:	85-83-6
Formula:	C ₂₄ H ₂₀ N ₄ O
Molecular Weight:	380.44
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	Sudan IV is a lysochrome (fat-soluble dye) diazo dye used for the staining of lipids, triglycerides and lipoproteins on frozen paraffin sections[1]
Targets(IC ₅₀)	others: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.629 mL	13.143 mL	26.285 mL
5 mM	0.526 mL	2.629 mL	5.257 mL
10 mM	0.263 mL	1.314 mL	2.629 mL
50 mM	0.053 mL	0.263 mL	0.526 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Refat NA, et al. The induction of cytochrome P450 1A1 by sudan dyes. J Biochem Mol Toxicol. 2008 Mar-Apr;22(2):77-84.

Inhibitors · Natural Compounds · Compound Libraries

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