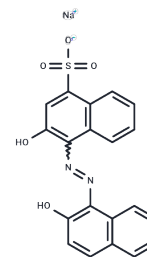


Calcon

Chemical Properties

CAS No. :	2538-85-4
Formula:	C ₂₀ H ₁₃ N ₂ NaO ₅ S
Molecular Weight:	416.39
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Calcon (Mordant Black 17) is a calcium biochemical indicator.
Targets(IC ₅₀)	Others

Solubility Information

Solubility	DMSO: 50 mg/mL (120.08 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4016 mL	12.008 mL	24.0159 mL
5 mM	0.4803 mL	2.4016 mL	4.8032 mL
10 mM	0.2402 mL	1.2008 mL	2.4016 mL
50 mM	0.048 mL	0.2402 mL	0.4803 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

Şimşek S, Şenol ZM, Ulusoy Hİ. Synthesis and characterization of a composite polymeric material including chelating agent for adsorption of uranyl ions. J Hazard Mater. 2017 Sep 15;338:437-446.

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