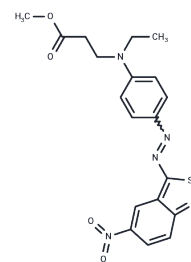


Disperse Blue 148

Chemical Properties

CAS No. :	52239-04-0
Formula:	C ₁₉ H ₁₉ N ₅ O ₄ S
Molecular Weight:	413.45
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	Disperse Blue 148 is the best high-temperature trichromatic blue azo dye.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 20 mg/mL (48.37 mM), Sonication and heating are recommended. H ₂ O: 30 mg/mL (72.56 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4187 mL	12.0934 mL	24.1867 mL
5 mM	0.4837 mL	2.4187 mL	4.8373 mL
10 mM	0.2419 mL	1.2093 mL	2.4187 mL
50 mM	0.0484 mL	0.2419 mL	0.4837 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

Hui-Fen Qian, et al. Structural and spectral characterizations of C.I. Disperse Blue 148 having a new crystalline form. *Dyes and Pigments* Volume 99, Issue 2, November 2013, Pages 489-495

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