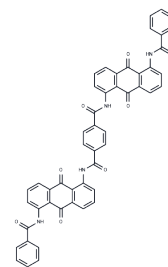


Vat Yellow 13

Chemical Properties

CAS No. :	6417-50-1
Formula:	C ₅₀ H ₃₀ N ₄ O ₈
Molecular Weight:	814.8
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Vat Yellow 13 is a yellow dye.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2273 mL	6.1365 mL	12.273 mL
5 mM	0.2455 mL	1.2273 mL	2.4546 mL
10 mM	0.1227 mL	0.6136 mL	1.2273 mL
50 mM	0.0245 mL	0.1227 mL	0.2455 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

Liu R, Liu X, Tang H, Su Y. Sorption Behavior of Dye Compounds onto Natural Sediment of Qinghe River. J Colloid Interface Sci. 2001 Jul 15;239(2):475-482. PubMed PMID: 11427013.

Harrington-Brock K, Parker L, Doerr C, Cimino MC, Moore MM. Analysis of the genotoxicity of anthraquinone dyes in the mouse lymphoma assay. Mutagenesis. 1991 Jan;6(1):35-46. PubMed PMID: 2038271.

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