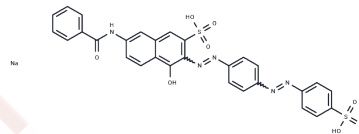


Solaminrot 4B

Chemical Properties

CAS No. :	2610-11-9
Formula:	C ₂₉ H ₁₉ N ₅ Na ₂ O ₈ S ₂
Molecular Weight:	675.59
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	Solaminrot 4B is an agent of dye.
Targets(IC50)	Others

Solubility Information

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

	1mg	5mg	10mg
1 mM	1.4802 mL	7.4009 mL	14.8019 mL
5 mM	0.296 mL	1.4802 mL	2.9604 mL
10 mM	0.148 mL	0.7401 mL	1.4802 mL
50 mM	0.0296 mL	0.148 mL	0.296 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

- Walger E, Marlin N, Molton F, Mortha G. Study of the Direct Red 81 Dye/Copper(II)-Phenanthroline System. *Molecules*. 2018 Jan 25;23(2). pii: E242. doi: 10.3390/molecules23020242. PubMed PMID: 29370132.
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- Khamparia S, Jaspal D. Study of decolorisation of binary dye mixture by response surface methodology. *J Environ Manage*. 2017 Oct 1;201:316-326. doi: 10.1016/j.jenvman.2017.06.050. Epub 2017 Jul 5. PubMed PMID: 28688319.
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