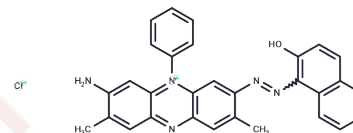


Janus blue

Chemical Properties

CAS No. :	4569-88-4
Formula:	C ₃₀ H ₂₄ ClN ₅ O
Molecular Weight:	506
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	Janus blue is a basic dye.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9763 mL	9.8814 mL	19.7628 mL
5 mM	0.3953 mL	1.9763 mL	3.9526 mL
10 mM	0.1976 mL	0.9881 mL	1.9763 mL
50 mM	0.0395 mL	0.1976 mL	0.3953 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

- Wongpanit P, Rujiravanit R. Combinatorial effects of charge characteristics and hydrophobicity of silk fibroin on the sorption and release of charged dyes. *J Biomater Sci Polym Ed.* 2012;23(9):1199-215. doi: 10.1163/092050611X576972. Epub 2012 May 8. PubMed PMID: 21639994.
- Hwang SY, Jin LT, Yoo GS, Choi JK. Counterion-dye staining for DNA in electrophoresed gels using indoline blue and methyl orange. *Electrophoresis.* 2006 May;27(9):1739-43. PubMed PMID: 16568503.
- Dutt MK. Basic dyes in the staining of DNA-phosphate groups and DNA-aldehyde molecules in cell nuclei. *Microsc Acta.* 1982 Mar;85(4):361-8. PubMed PMID: 6175883.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481