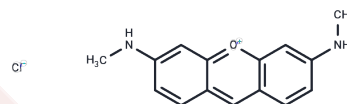


## Acridine red

## Chemical Properties

CAS No. :	2465-29-4
Formula:	C <sub>15</sub> H <sub>15</sub> N <sub>2</sub> O
Molecular Weight:	274.75
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	Acridine red is an indicator of fluorescent.
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	3.6397 mL	18.1984 mL	36.3967 mL
5 mM	0.7279 mL	3.6397 mL	7.2793 mL
10 mM	0.364 mL	1.8198 mL	3.6397 mL
50 mM	0.0728 mL	0.364 mL	0.7279 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

Brown NJ, Reed MW. Leucocyte interactions with the mouse cremaster muscle microcirculation in vivo in response to tumour-conditioned medium. *Br J Cancer*. 1997;75(7):993-9. PubMed PMID: 9083334; PubMed Central PMCID: PMC2222733.

Kawagoishi N, Nojiri C, Senshu K, Kido T, Nagai H, Kanamori T, Sakai K, Koyanagi H, Akutsu T. In vitro evaluation of platelet/biomaterial interactions in an epifluorescent video microscopy combined with a parallel plate flow cell. *Artif Organs*. 1994 Aug;18(8):588-95. PubMed PMID: 7993194.

van Leengoed E, Versteeg J, van der Veen N, van den Berg-Blok A, Marijnissen H, Star W. Tissue-localizing properties of some photosensitizers studied by in vivo fluorescence imaging. *J Photochem Photobiol B*. 1990 Jun;6(1-2):111-9. PubMed PMID: 2121928.

Piette J, Calberg-Bacq CM, Van de Vorst A. Photodynamic activity of dyes with different DNA binding properties II. T4 phage inactivation. *Int J Radiat Biol Relat Stud Phys Chem Med*. 1978 Sep;34(3):223-32. PubMed PMID: 309450.

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