

Acid blue 129

Chemical Properties

CAS No. :	6397-02-0
Formula:	C ₂₃ H ₂₁ N ₂ NaO ₅ S
Molecular Weight:	460.48
Storage:	Keep away from direct sunlight Store at -20°C <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Acid blue 129 is an acid dye that acts as a highly selective antagonist of P2Y receptors in guinea pig colons. It has no effect on P2X receptors in rat vas deferens. Acid blue 129 is suitable for dyeing cotton, wool, silk, nylon, paper, and leather.
Targets(IC50)	P2Y Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1716 mL	10.8582 mL	21.7165 mL
5 mM	0.4343 mL	2.1716 mL	4.3433 mL
10 mM	0.2172 mL	1.0858 mL	2.1716 mL
50 mM	0.0434 mL	0.2172 mL	0.4343 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.

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