

Aniline Blue sodium

Chemical Properties

CAS No. :	28631-66-5
Formula:	C ₃₂ H ₂₅ N ₃ Na ₂ O ₉ S ₃
Molecular Weight:	737.73
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.

Biological Description

Description	Aniline Blue sodium, a water-soluble dye, serves as a biological stain for detecting nucleic acids and proteins in laboratory procedures like electrophoresis and microscopy. Its unique chemical properties enable it to bind to specific cellular components, causing a color change that aids in their visualization and analysis.
Targets(IC50)	Others
In vitro	Aniline Blue, sodium salt, is a biochemical reagent used as a biological or organic compound in life sciences research.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3555 mL	6.7775 mL	13.5551 mL
5 mM	0.2711 mL	1.3555 mL	2.711 mL
10 mM	0.1356 mL	0.6778 mL	1.3555 mL
50 mM	0.0271 mL	0.1356 mL	0.2711 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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