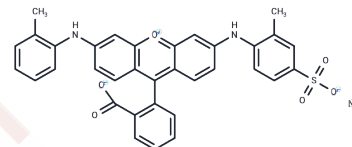


Violamine R

Chemical Properties

CAS No. :	6252-76-2
Formula:	C ₃₄ H ₂₅ N ₂ NaO ₆ S
Molecular Weight:	612.63
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	Violamine R (Acid Violet 9), a potent fluorophore, exhibits environment and temperature-dependent photoluminescence (PL) intermittency in poly(vinyl alcohol) (PVOH) and potassium acid phthalate (KAP). It can measure temperatures spanning the glass-transition temperature (T _g) of the polymer host by fluorescence intermittency or blinking in poly(vinyl alcohol) (PVA) [1] [2].
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6323 mL	8.1615 mL	16.3231 mL
5 mM	0.3265 mL	1.6323 mL	3.2646 mL
10 mM	0.1632 mL	0.8162 mL	1.6323 mL
50 mM	0.0326 mL	0.1632 mL	0.3265 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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