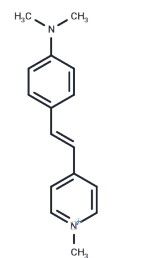


## (E)-4-Dimethylamino-N-methylstilbazolium iodide

## Chemical Properties

CAS No. :	68971-03-9
Formula:	C <sub>16</sub> H <sub>19</sub> IN <sub>2</sub>
Molecular Weight:	366.24
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	(E)-4-Dimethylamino-N-methylstilbazolium iodide (Py-NMe <sub>2</sub> ) is a styrene-based dye employed in sensing various double-stranded DNA/RNA sequences using fluorescence and circular dichroism (CD) techniques. Its absorption maximum is 450 nm, and its emission maximum is 615 nm.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7304 mL	13.6522 mL	27.3045 mL
5 mM	0.5461 mL	2.7304 mL	5.4609 mL
10 mM	0.273 mL	1.3652 mL	2.7304 mL
50 mM	0.0546 mL	0.273 mL	0.5461 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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