

## Phenosafranine

## Chemical Properties

CAS No. : 81-93-6

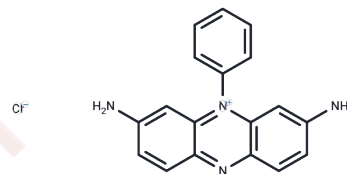
Formula: C<sub>18</sub>H<sub>15</sub>ClN<sub>4</sub>

Molecular Weight: 322.79

Keep away from direct sunlight

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	Phenosafranine, a phenazine dye, exhibits a higher binding affinity for triplex RNA over its parent duplex form, with intercalation as the binding mechanism for both RNA structures. This compound is applicable in staining plant cells and determining levels of hemoglobin, dopamine, serotonin, among other uses [1] [2] [3].
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.098 mL	15.4899 mL	30.9799 mL
5 mM	0.6196 mL	3.098 mL	6.196 mL
10 mM	0.3098 mL	1.549 mL	3.098 mL
50 mM	0.062 mL	0.3098 mL	0.6196 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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