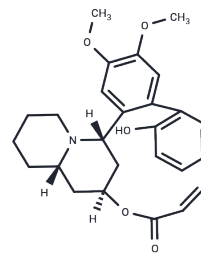


## Lythrine

## Chemical Properties

CAS No. :	5286-10-2
Formula:	C <sub>26</sub> H <sub>29</sub> N <sub>5</sub> O
Molecular Weight:	435.51
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	Lythrine ((+)-Lythrine) is an alkaloid first isolated from <i>H. salicifolia</i> , known to inhibit prostaglandin synthase with an IC <sub>50</sub> of 469 μM.
Targets(IC <sub>50</sub> )	Prostaglandin Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2962 mL	11.4808 mL	22.9616 mL
5 mM	0.4592 mL	2.2962 mL	4.5923 mL
10 mM	0.2296 mL	1.1481 mL	2.2962 mL
50 mM	0.0459 mL	0.2296 mL	0.4592 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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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481