

## 6-Ethoxychelerythrine

## Chemical Properties

CAS No. :	79559-55-0
Formula:	C <sub>23</sub> H <sub>22</sub> NO <sub>5</sub>
Molecular Weight:	392.43
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	6-Ethoxychelerythrine (Ethoxychelerythrin) has anti-bacterial activity, it exhibited strong activity against <i>Aspergillus fumigatus</i> and methicillin-resistant <i>Staphylococcus aureus</i> (MRSA).
Targets(IC50)	Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5482 mL	12.7411 mL	25.4823 mL
5 mM	0.5096 mL	2.5482 mL	5.0965 mL
10 mM	0.2548 mL	1.2741 mL	2.5482 mL
50 mM	0.051 mL	0.2548 mL	0.5096 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.

## Reference

Rodríguez-Guzmán R, et al. Chemical constituents, antimicrobial and antimalarial activities of *Zanthoxylum monophyllum*. *Planta Med.* 2011 Sep;77(13):1542-4.

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