

## Fusafungine

## Chemical Properties

CAS No. :	1393-87-9
Formula:	C <sub>33</sub> H <sub>57</sub> N <sub>3</sub> O <sub>9</sub>
Molecular Weight:	639.82
Storage:	Keep away from moisture 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	Fusafungine, known commercially as Bioparox, Fusaloyos, and Locabiotol, serves as a potent antibiotic and anti-inflammatory agent effective in oral administration. It shows promise for research related to upper respiratory airways disease (URAD)[1][2].
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5629 mL	7.8147 mL	15.6294 mL
5 mM	0.3126 mL	1.5629 mL	3.1259 mL
10 mM	0.1563 mL	0.7815 mL	1.5629 mL
50 mM	0.0313 mL	0.1563 mL	0.3126 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.

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