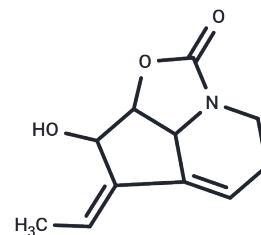


## Streptazolin

## Chemical Properties

CAS No. :	80152-07-4
Formula:	C <sub>11</sub> H <sub>13</sub> NO <sub>3</sub>
Molecular Weight:	207.229
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	Streptazolin is a fungal metabolite originally isolated from <i>S. viridochromogenes</i> . It increases NF-κB activity when used at concentrations ranging from 60 to 130 μg/ml, at least in part, via PI3K signaling. Streptazolin enhances TNF-α secretion induced by LPS and enhances IL-8 secretion when used alone or in combination with LPS in THP-1 Blue cells.
Targets(IC50)	Others,Antibiotic

## Solubility Information

Solubility	Ethanol: Soluble Dichloromethane: Soluble Methanol: Soluble DMSO: Soluble ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.8256 mL	24.1278 mL	48.2556 mL
5 mM	0.9651 mL	4.8256 mL	9.6511 mL
10 mM	0.4826 mL	2.4128 mL	4.8256 mL
50 mM	0.0965 mL	0.4826 mL	0.9651 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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