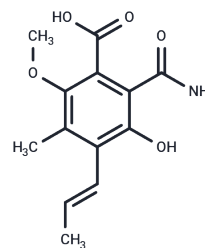


## Nigerloxin

## Chemical Properties

CAS No. :	477935-15-2
Formula:	C <sub>13</sub> H <sub>15</sub> NO <sub>5</sub>
Molecular Weight:	265.26
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	Nigerloxin inhibits rat lens aldose reductase (RLAR) and lipoxygenase (LOX-1), with IC <sub>50</sub> values of 69 μM and 79 μM, respectively.
Targets(IC <sub>50</sub> )	Reductase,Lipoxygenase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7699 mL	18.8494 mL	37.6989 mL
5 mM	0.754 mL	3.7699 mL	7.5398 mL
10 mM	0.377 mL	1.8849 mL	3.7699 mL
50 mM	0.0754 mL	0.377 mL	0.754 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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