

BAM-2101

## Chemical Properties

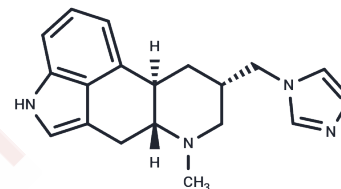
CAS No. : 115178-28-4

Formula: C<sub>19</sub>H<sub>22</sub>N<sub>4</sub>

Molecular Weight: 306.41

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	BAM-2101, an ergot alkaloid derivative, exhibits antihypertensive properties. It is effective when administered orally and can lower blood pressure in spontaneously hypertensive rats.
Targets(IC50)	Others
In vivo	BAM-2101 (3 mg/kg; oral; single dose) significantly reduces systolic blood pressure by 95 mmHg and decreases heart rate by 29 beats per minute in spontaneously hypertensive rats (SHR).

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2636 mL	16.318 mL	32.636 mL
5 mM	0.6527 mL	3.2636 mL	6.5272 mL
10 mM	0.3264 mL	1.6318 mL	3.2636 mL
50 mM	0.0653 mL	0.3264 mL	0.6527 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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