

## MIDD0301 sodium

## Chemical Properties

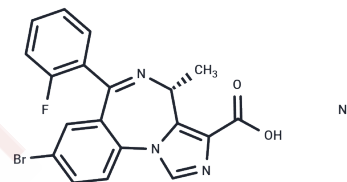
CAS No. : 2593569-36-7

Formula: C<sub>19</sub>H<sub>13</sub>BrFN<sub>3</sub>NaO<sub>2</sub>

Molecular Weight: 437.218

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	MIDD0301 (GL-II-93) sodium is an orally active inhibitor of $\gamma$ -aminobutyric acid type A receptors (GABAAR) and an anti-asthmatic agent. It shows bio- and immunotoxicological safety in mice without affecting circulating lymphocyte, monocyte, and granulocyte counts. MIDD0301 sodium demonstrates no significant adverse immune responses under repeated dosing and is more favorable than Prednisone. It relaxes histamine-contracted tracheal smooth muscle in guinea pigs and humans, making it a valuable candidate for research in bronchoconstriction-related diseases.
Targets(IC50)	GABA Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2872 mL	11.4359 mL	22.8718 mL
5 mM	0.4574 mL	2.2872 mL	4.5744 mL
10 mM	0.2287 mL	1.1436 mL	2.2872 mL
50 mM	0.0457 mL	0.2287 mL	0.4574 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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