

## Lorotomidate

## Chemical Properties

CAS No. :	2093287-60-4
Formula:	C <sub>14</sub> H <sub>15</sub> FN <sub>2</sub> O <sub>2</sub>
Molecular Weight:	262.28
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	Lorotomidate (Example 16) is a GABAA receptor agonist with anesthetic properties, demonstrated by an ED <sub>50</sub> of 2 mg/kg and an LD <sub>50</sub> of 46.5 mg/kg in Kunming mice via intravenous injection. Lorotomidate does not inhibit corticosteroid secretion in animals, indicating a favorable safety profile.
Targets(IC <sub>50</sub> )	GABA Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8127 mL	19.0636 mL	38.1272 mL
5 mM	0.7625 mL	3.8127 mL	7.6254 mL
10 mM	0.3813 mL	1.9064 mL	3.8127 mL
50 mM	0.0763 mL	0.3813 mL	0.7625 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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