

Echiumine N-oxide

Chemical Properties

CAS No. :	685554-68-1
Formula:	C ₂₀ H ₃₁ N ₇ O
Molecular Weight:	397.47
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Echiumine N-oxide is an N-oxide related to pyrrolizidine alkaloids (PANOs) and serves as a secondary metabolite in plants. It can be isolated from Echium plantagineum. In plants, Echiumine N-oxide functions as a defensive agent, preventing tissue death.
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5159 mL	12.5796 mL	25.1591 mL
5 mM	0.5032 mL	2.5159 mL	5.0318 mL
10 mM	0.2516 mL	1.258 mL	2.5159 mL
50 mM	0.0503 mL	0.2516 mL	0.5032 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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