

## Corynoxine hydrochloride

## Chemical Properties

CAS No. :

Formula: C<sub>22</sub>H<sub>29</sub>ClN<sub>2</sub>O<sub>4</sub>

Molecular Weight: 420.93

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	Corynoxine hydrochloride, a tetracyclic oxindole alkaloid extracted from the hooks of <i>Uncaria macrophylla</i> , functions as a natural autophagy enhancer, facilitating the removal of alpha-synuclein by activating the Akt/mTOR pathway [1].
Targets(IC50)	Others, Autophagy

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3757 mL	11.8785 mL	23.7569 mL
5 mM	0.4751 mL	2.3757 mL	4.7514 mL
10 mM	0.2376 mL	1.1878 mL	2.3757 mL
50 mM	0.0475 mL	0.2376 mL	0.4751 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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