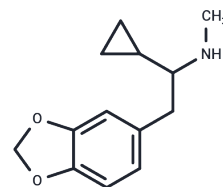


## UWA-101 hydrochloride

## Chemical Properties

CAS No. :	1431520-52-3
Formula:	C <sub>13</sub> H <sub>18</sub> ClNO <sub>2</sub>
Molecular Weight:	255.74
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.

HCl



## Biological Description

Description	UWA-101 hydrochloride is a selective, non-cytotoxic inhibitor of DAT/SERT, demonstrating EC <sub>50</sub> values of 3.6 μM for DAT and 2.3 μM for SERT inhibition. It mitigates motor disorders and other side effects associated with dopaminergic agent use (e.g., L-DOPA) without exhibiting psychotropic effects. This compound is utilized in research focused on neurodegenerative conditions like Parkinson's disease [1] [2].
Targets(IC50)	Others,Dopamine Receptor,Serotonin Transporter

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9102 mL	19.5511 mL	39.1022 mL
5 mM	0.782 mL	3.9102 mL	7.8204 mL
10 mM	0.391 mL	1.9551 mL	3.9102 mL
50 mM	0.0782 mL	0.391 mL	0.782 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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