

RGH-122

## Chemical Properties

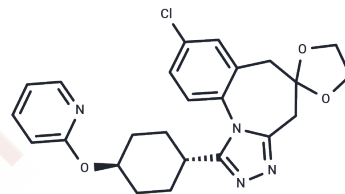
CAS No. : 2355304-05-9

Formula: C<sub>24</sub>H<sub>25</sub>ClN<sub>4</sub>O<sub>3</sub>

Molecular Weight: 452.93

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	RGH-122 (compound 43), characterized as an orally active, potent, and selective hV1a receptor antagonist, demonstrates significant affinity with a K <sub>i</sub> value of 0.3 nM and an IC <sub>50</sub> of 0.9 nM. It exhibits microsomal stability, indicated by a CL int value of 13/28/25 μL/min/mg [1].
Targets(IC50)	Vasopressin Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2078 mL	11.0392 mL	22.0785 mL
5 mM	0.4416 mL	2.2078 mL	4.4157 mL
10 mM	0.2208 mL	1.1039 mL	2.2078 mL
50 mM	0.0442 mL	0.2208 mL	0.4416 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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