

(S)-CVN424

## Chemical Properties

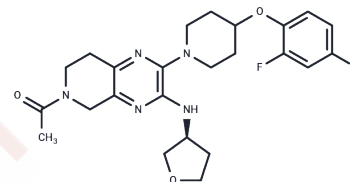
CAS No. : 1799968-74-3

Formula: C<sub>24</sub>H<sub>29</sub>F<sub>2</sub>N<sub>5</sub>O<sub>3</sub>

Molecular Weight: 473.525

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	(S)-CVN424 is a powerful modulator of G-Protein-Coupled Receptor 6 (GPR6), known for its involvement in neurological and psychiatric disorders research, such as Parkinson's disease.
Targets(IC50)	Others,GPCR
In vitro	(S)-CVN424 (example 149) effectively inhibits cAMP activity, with an IC <sub>50</sub> of 58.7 μM in CHO-K1 cells[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1118 mL	10.559 mL	21.118 mL
5 mM	0.4224 mL	2.1118 mL	4.2236 mL
10 mM	0.2112 mL	1.0559 mL	2.1118 mL
50 mM	0.0422 mL	0.2112 mL	0.4224 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.

## Reference

Jason Brown, et al. Tetrahydropyridopyrazines modulators of gpr6. WO2015095728A1.

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