

## Kv3 modulator 4

## Chemical Properties

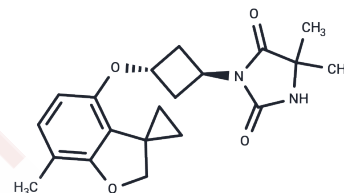
CAS No. : 2173375-10-3

Formula: C<sub>20</sub>H<sub>24</sub>N<sub>2</sub>O<sub>4</sub>

Molecular Weight: 356.42

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	Kv3 modulator 4 is a cyclobutyl-structured modulator of Kv3.1 (pEC <sub>50</sub> =5.45) and Kv3.2 channels.
Targets(IC <sub>50</sub> )	Others,Potassium Channel

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8057 mL	14.0284 mL	28.0568 mL
5 mM	0.5611 mL	2.8057 mL	5.6114 mL
10 mM	0.2806 mL	1.4028 mL	2.8057 mL
50 mM	0.0561 mL	0.2806 mL	0.5611 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

Giuseppe Alvaro, et al. Cyclobutane derivatives as modulators of voltage-gated potassium channels.

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