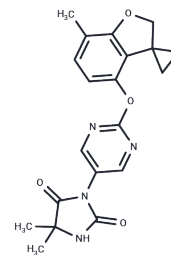


## Kv3 modulator 1

## Chemical Properties

CAS No. :	1380696-64-9
Formula:	C <sub>20</sub> H <sub>20</sub> N <sub>4</sub> O <sub>4</sub>
Molecular Weight:	380.4
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Kv3 modulator 1 is a voltage-gated potassium channel Kv3 modulator that can be used to study neurologic-level diseases.
Targets(IC50)	Potassium Channel

## Solubility Information

Solubility	DMSO: 242.5 mg/mL (637.49 mM) ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6288 mL	13.1441 mL	26.2881 mL
5 mM	0.5258 mL	2.6288 mL	5.2576 mL
10 mM	0.2629 mL	1.3144 mL	2.6288 mL
50 mM	0.0526 mL	0.2629 mL	0.5258 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. WO2018020263A1.

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481