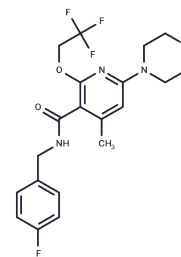


## Kv7.2/Kv7.3 modulator-1

## Chemical Properties

CAS No. :	2981435-42-9
Formula:	C <sub>20</sub> H <sub>21</sub> F <sub>4</sub> N <sub>3</sub> O <sub>3</sub>
Molecular Weight:	427.393
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	Kv7.2/Kv7.3 modulator-1 (compound 6a) acts as a modulator for Kv7.2/Kv7.3 channels, with a pEC <sub>50</sub> value of 7.96 for opening these channels. Kv7.2/Kv7.3 modulator-1 is applicable in research related to epilepsy, depression, brain injury, and pain.
Targets(IC <sub>50</sub> )	Potassium Channel

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3398 mL	11.6989 mL	23.3978 mL
5 mM	0.468 mL	2.3398 mL	4.6796 mL
10 mM	0.234 mL	1.1699 mL	2.3398 mL
50 mM	0.0468 mL	0.234 mL	0.468 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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