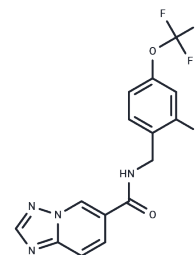


ONO-2920632

## Chemical Properties

CAS No. : 2230296-66-7  
 Formula: C<sub>15</sub>H<sub>10</sub>F<sub>4</sub>N<sub>4</sub>O<sub>2</sub>  
 Molecular Weight: 354.259  
 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	ONO-2920632 is an orally active and CNS-penetrant TREK channel activator with EC <sub>50</sub> values of 0.3μM for TREK-1 and 2.8μM for TREK-2. It demonstrates selectivity for other K <sub>2</sub> P channels, showing over 91-fold selectivity against TASK1, TASK2, TASK3, TRAAK, TWIK2, and 31-fold selectivity against TRESK. ONO-2920632 exhibits analgesic effects and is used in the study of pain, migraine, and neurological disorders.
Targets(IC <sub>50</sub> )	Potassium Channel

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8228 mL	14.1139 mL	28.2279 mL
5 mM	0.5646 mL	2.8228 mL	5.6456 mL
10 mM	0.2823 mL	1.4114 mL	2.8228 mL
50 mM	0.0565 mL	0.2823 mL	0.5646 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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