

## Tebideutorexant

## Chemical Properties

CAS No. : 1637681-55-0

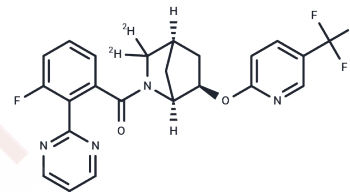
Formula: C<sub>23</sub>H<sub>16</sub>D<sub>2</sub>F<sub>4</sub>N<sub>4</sub>O<sub>2</sub>

Molecular Weight: 460.42

Store at low temperature

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	Tebideutorexant is a selective antagonist of the orexin-1 receptor and has demonstrated anti-panic effects in both rodent and human models of panic-anxiety. Tebideutorexant provides valuable insights into orexin signaling pathways in stress response and has potential utility as a tool compound for psychiatric and neurobehavioral disorder research.
Targets(IC50)	OX Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1719 mL	10.8596 mL	21.7193 mL
5 mM	0.4344 mL	2.1719 mL	4.3439 mL
10 mM	0.2172 mL	1.086 mL	2.1719 mL
50 mM	0.0434 mL	0.2172 mL	0.4344 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

WHO Drug Information. International Nonproprietary Names for Pharmaceutical

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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