

TPN729MA

## Chemical Properties

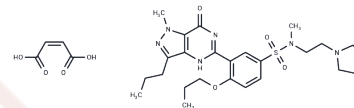
CAS No. : 1422955-52-9

Formula: C<sub>29</sub>H<sub>40</sub>N<sub>6</sub>O<sub>8</sub>S

Molecular Weight: 632.73

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	TPN729MA (TPN729 maleate), a selective phosphodiesterase type 5 (PDE5) inhibitor, exhibits potent activity with an IC <sub>50</sub> value of 2.28 nM and has applications in researching erectile dysfunction by impacting erectile function.
Targets(IC <sub>50</sub> )	Others,PDE

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5805 mL	7.9023 mL	15.8045 mL
5 mM	0.3161 mL	1.5805 mL	3.1609 mL
10 mM	0.158 mL	0.7902 mL	1.5805 mL
50 mM	0.0316 mL	0.158 mL	0.3161 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

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

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