

TBA-7371

## Chemical Properties

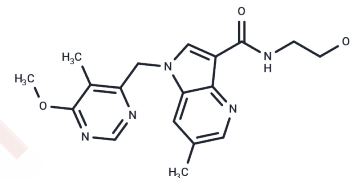
CAS No. : 1494675-86-3

Formula: C<sub>18</sub>H<sub>21</sub>N<sub>5</sub>O<sub>3</sub>

Molecular Weight: 355.39

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	TBA-7371 (DprE1-IN-1) is a potent inhibitor of DprE1 and PDE6.
Targets(IC50)	Antibacterial,DprE1,PDE

## Solubility Information

Solubility	DMSO: 6.11 mg/mL (17.19 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8138 mL	14.0691 mL	28.1381 mL
5 mM	0.5628 mL	2.8138 mL	5.6276 mL
10 mM	0.2814 mL	1.4069 mL	2.8138 mL
50 mM	0.0563 mL	0.2814 mL	0.5628 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

Shirude PS, et al. J Med Chem. 2014 Jul 10;57(13):5728-37.

Chatterji M, et al. Antimicrob Agents Chemother. 2014 Sep;58(9):5325-31.

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