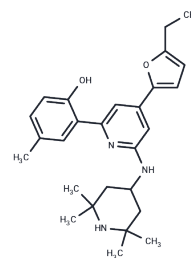


BRITE-338733

## Chemical Properties

CAS No. : 503105-88-2  
 Formula: C<sub>27</sub>H<sub>35</sub>N<sub>3</sub>O<sub>2</sub>  
 Molecular Weight: 433.59  
 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	BRITE-338733 is a novel inhibitor of ATPase. BRITE 338733 inhibits the expression of RecA in bacteria with IC <sub>50</sub> value of 4.7 μM for the bacterial infections treatment.
Targets(IC <sub>50</sub> )	ATPase,Antibacterial

## Solubility Information

Solubility	DMSO: 13 mg/mL (29.98 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 1 mg/mL (2.31 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3063 mL	11.5316 mL	23.0633 mL
5 mM	0.4613 mL	2.3063 mL	4.6127 mL
10 mM	0.2306 mL	1.1532 mL	2.3063 mL
50 mM	0.0461 mL	0.2306 mL	0.4613 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

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