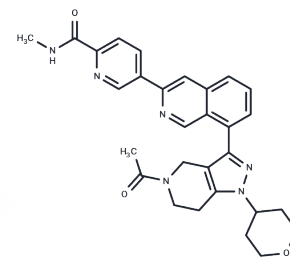


## GNE-207

## Chemical Properties

CAS No. :	2158266-58-9
Formula:	C <sub>29</sub> H <sub>30</sub> N <sub>6</sub> O <sub>3</sub>
Molecular Weight:	510.59
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



## Biological Description

Description	GNE-207 is a selective and orally bioavailable inhibitor of the bromodomain of CBP (IC <sub>50</sub> : 1 nM). It has a selective index of >2500-fold against BRD4 (1). GNE-207 displays excellent CBP potency (EC <sub>50</sub> : 18 nM for MYC expression in MV-4-11 cells).
Targets(IC <sub>50</sub> )	Epigenetic Reader Domain,Histone Acetyltransferase
In vivo	GNE-207 (5?mg/kg) displays moderate clearance in PK. It has an acceptable oral bioavailability.

## Solubility Information

Solubility	DMSO: 200 mg/mL (391.7 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: 5 mg/mL (9.79 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

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	<b>1mg</b>	<b>5mg</b>	<b>10mg</b>
1 mM	1.9585 mL	9.7926 mL	19.5852 mL
5 mM	0.3917 mL	1.9585 mL	3.917 mL
10 mM	0.1959 mL	0.9793 mL	1.9585 mL
50 mM	0.0392 mL	0.1959 mL	0.3917 mL

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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

Lai KW, et al. Design and synthesis of a biaryl series as inhibitors for the bromodomains of CBP/P300. *ioorg Med Chem Lett.* 2018 Jan 1;28(1):15-23.

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