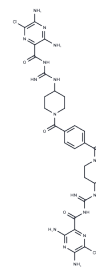


NVP-QBE170

## Chemical Properties

CAS No. : 1080018-61-6  
 Formula: C<sub>30</sub>H<sub>36</sub>Cl<sub>2</sub>N<sub>16</sub>O<sub>4</sub>  
 Molecular Weight: 755.62  
 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	NVP-QBE170 is a selective epithelial sodium channel (ENaC) inhibitor with an IC <sub>50</sub> of 57.5 nM. It effectively suppresses ENaC function in human bronchial epithelial cells (HBEC), with a prolonged duration of action. NVP-QBE170 significantly decreases ENaC activity in guinea pig airway models and can be utilized for hyperkalemia research.
Targets(IC <sub>50</sub> )	Sodium Channel

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3234 mL	6.6171 mL	13.2342 mL
5 mM	0.2647 mL	1.3234 mL	2.6468 mL
10 mM	0.1323 mL	0.6617 mL	1.3234 mL
50 mM	0.0265 mL	0.1323 mL	0.2647 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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