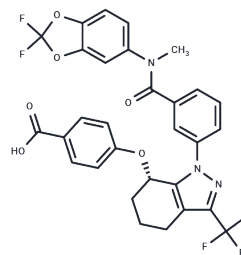


ARN23765

## Chemical Properties

CAS No. : 2244458-40-8  
 Formula: C<sub>30</sub>H<sub>22</sub>F<sub>5</sub>N<sub>3</sub>O<sub>6</sub>  
 Molecular Weight: 615.504  
 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	ARN23765 is an F508del-CFTR corrector with an EC <sub>50</sub> of 38 pM in human bronchial epithelial cells. It enhances the maturation and function of F508del-CFTR at the cell membrane, influencing ion transport and secretion, thereby addressing the pathological mechanisms of cystic fibrosis (CF).
Targets(IC <sub>50</sub> )	CFTR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6247 mL	8.1235 mL	16.247 mL
5 mM	0.3249 mL	1.6247 mL	3.2494 mL
10 mM	0.1625 mL	0.8123 mL	1.6247 mL
50 mM	0.0325 mL	0.1625 mL	0.3249 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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