

ARN16186

## Chemical Properties

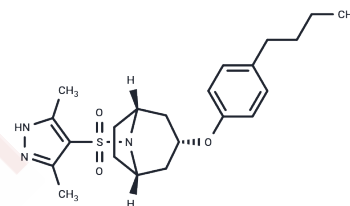
CAS No. : 2320555-85-7

Formula: C<sub>22</sub>H<sub>31</sub>N<sub>3</sub>O<sub>3</sub>S

Molecular Weight: 417.57

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	ARN16186; ARN 16186; ARN-16186 is a phosphatidylinositol 3-kinase (PI3K) inhibitor with potential antineoplastic activity. This compound targets and inhibits the PI3K enzyme, which may result in the inhibition of the PI3K/Akt signaling pathway and thus inhibit cell growth and induce apoptosis in susceptible tumor cell populations.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3948 mL	11.974 mL	23.9481 mL
5 mM	0.479 mL	2.3948 mL	4.7896 mL
10 mM	0.2395 mL	1.1974 mL	2.3948 mL
50 mM	0.0479 mL	0.2395 mL	0.479 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

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