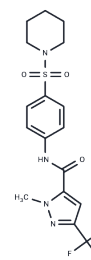


AS-136A

## Chemical Properties

CAS No. : 949898-66-2  
 Formula: C<sub>17</sub>H<sub>19</sub>F<sub>3</sub>N<sub>4</sub>O<sub>3</sub>S  
 Molecular Weight: 416.42  
 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	AS-136A is an orally active measles virus RNA-dependent RNA polymerase (RdRp) inhibitor with antiviral activity that inhibits measles virus and blocks viral RNA synthesis.
Targets(IC50)	DNA/RNA Synthesis

## Solubility Information

Solubility	DMSO: 4.17 mg/mL (10.01 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4014 mL	12.0071 mL	24.0142 mL
5 mM	0.4803 mL	2.4014 mL	4.8028 mL
10 mM	0.2401 mL	1.2007 mL	2.4014 mL
50 mM	0.048 mL	0.2401 mL	0.4803 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.

## Reference

Ndungu JM, et al. Non-nucleoside inhibitors of the measles virus RNA-dependent RNA polymerase: synthesis, structure-activity relationships, and pharmacokinetics. J Med Chem. 2012;55(9):4220-4230.

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