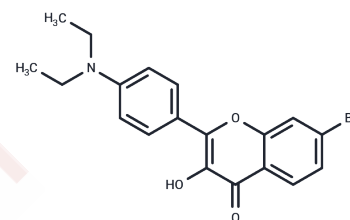


## PRRSV-IN-1

## Chemical Properties

CAS No. : 801220-43-9  
 Formula: C<sub>19</sub>H<sub>18</sub>BrNO<sub>3</sub>  
 Molecular Weight: 388.255  
 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	PRRSV-IN-1 (Compound 4s) acts as an inhibitor of the nsp4 protease of PRRSV. It has an EC <sub>50</sub> value of 0.45 μM against PRRSV, binds to the nsp4 protease with a K <sub>d</sub> of 29.24 pM, and exhibits an IC <sub>50</sub> value of 80.36 pM for nsp4 protease inhibition. PRRSV-IN-1 is applicable in antiviral infection research.
Targets(IC <sub>50</sub> )	Virus Protease

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5756 mL	12.878 mL	25.7559 mL
5 mM	0.5151 mL	2.5756 mL	5.1512 mL
10 mM	0.2576 mL	1.2878 mL	2.5756 mL
50 mM	0.0515 mL	0.2576 mL	0.5151 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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