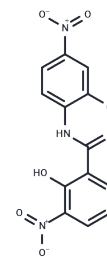


JMX0207

## Chemical Properties

CAS No. : 33580-97-1  
 Formula: C<sub>13</sub>H<sub>8</sub>ClN<sub>3</sub>O<sub>6</sub>  
 Molecular Weight: 337.67  
 Storage: Store at low temperature, Keep away from direct sunlight  
 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	JMX0207 is a niclosamide-derived compound that demonstrates enhanced inhibitory efficacy against the NS3-NS2B protein-protein interaction essential for viral protease activity. JMX0207 effectively suppresses viral replication and protease function, showing superior antiviral activity in cell-based assays and significantly reducing Zika virus infection levels in three-dimensional mini-brain organoid models derived from pluripotent neural stem cells, thus highlighting its promise as an optimized antiviral lead compound.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9615 mL	14.8074 mL	29.6147 mL
5 mM	0.5923 mL	2.9615 mL	5.9229 mL
10 mM	0.2961 mL	1.4807 mL	2.9615 mL
50 mM	0.0592 mL	0.2961 mL	0.5923 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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