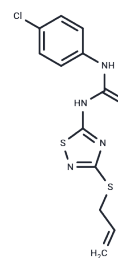


ASN 07115873

## Chemical Properties

CAS No. : 626220-97-1  
 Formula: C<sub>12</sub>H<sub>11</sub>ClN<sub>4</sub>O<sub>2</sub>  
 Molecular Weight: 326.83  
 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	ASN 07115873 is a small-molecule compound reported in screening studies to exhibit inhibitory activity against Zika virus infection, with a reported IC <sub>50</sub> of approximately 189.2 pM. ASN 07115873 is used in antiviral mechanism research and drug screening studies.
Targets(IC <sub>50</sub> )	Anti-infection

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0597 mL	15.2985 mL	30.5969 mL
5 mM	0.6119 mL	3.0597 mL	6.1194 mL
10 mM	0.306 mL	1.5298 mL	3.0597 mL
50 mM	0.0612 mL	0.306 mL	0.6119 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

Micewicz ED, et al. Identification of novel small-molecule inhibitors of Zika virus infection. *Bioorg Med Chem Lett.* 2018 Feb 1;28(3):452-458.

Khachatoorian R, et al. Optimization of 1,3-disubstituted urea-based inhibitors of Zika virus infection. *Bioorg Med Chem Lett.* 2019 Oct 15;29(20):126626.

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