

BAS 00489700

## Chemical Properties

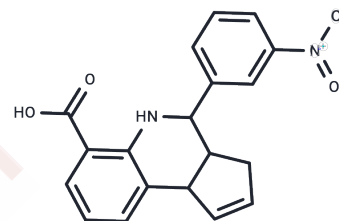
CAS No. : 306969-25-5

Formula: C<sub>19</sub>H<sub>16</sub>N<sub>2</sub>O<sub>4</sub>

Molecular Weight: 336.34

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	BAS 00489700 is a N-UTR interaction inhibitor. BAS 00489700 inhibits virus replication in cell culture.
Targets(IC50)	Others,NADPH,Ras
In vitro	BAS 00489700 inhibits N-UTR interaction with Ki50 of ~30 μM and 26.3 μ in in vitro FPA and filter binding assays, respectively[1].

## Solubility Information

Solubility	DMSO: 22.5 mg/mL (66.9 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	2.9732 mL	14.8659 mL	29.7318 mL
5 mM	0.5946 mL	2.9732 mL	5.9464 mL
10 mM	0.2973 mL	1.4866 mL	2.9732 mL
50 mM	0.0595 mL	0.2973 mL	0.5946 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

Salim NN, et al. Targeting a Novel RNA-Protein Interaction for Therapeutic Intervention of Hantavirus Disease. J Biol Chem. 2016 Nov 18;291(47):24702-24714.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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