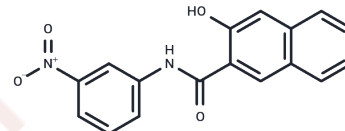


## 3-Hydroxy-3'-nitro-2-naphthanilide

## Chemical Properties

CAS No. :	135-65-9
Formula:	C <sub>17</sub> H <sub>12</sub> N <sub>2</sub> O <sub>4</sub>
Molecular Weight:	308.29
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	3-Hydroxy-3'-nitro-2-naphthanilide (IC <sub>50</sub> = 12 μM) is an inhibitor of human cytomegalovirus DNA polymerase α. 3-Hydroxy-3'-nitro-2-naphthanilide can be used in infection-related research.
Targets(IC50)	DNA/RNA Synthesis

## Solubility Information

Solubility	DMSO: Soluble, ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2437 mL	16.2185 mL	32.437 mL
5 mM	0.6487 mL	3.2437 mL	6.4874 mL
10 mM	0.3244 mL	1.6218 mL	3.2437 mL
50 mM	0.0649 mL	0.3244 mL	0.6487 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

Vaillancourt VA, et al. Naphthalene carboxamides as inhibitors of human cytomegalovirus DNA polymerase. Bioorg Med Chem Lett. 2000 Sep 18;10(18):2079-81.

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

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