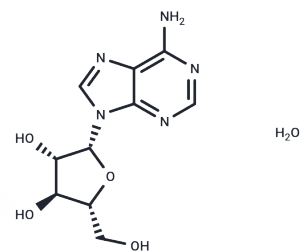


Vidarabine monohydrate

Chemical Properties

| | |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CAS No. : | 24356-66-9 |
| Formula: | C ₁₀ H ₁₅ N ₅ O ₅ |
| Molecular Weight: | 285.26 |
| Storage: | Store under nitrogen Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small> |



Biological Description

| | |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | Vidarabine monohydrate is an adenine arabinoside and antiviral agent that inhibits herpes simplex virus (HSV) and varicella-zoster virus, and may be used in the prognosis of chronic hepatitis B. |
| Targets(IC50) | HSV |

Solubility Information

| | |
|------------|---------------------------------------------------------------------------------------------------------------------------|
| Solubility | DMSO: 200 mg/mL (701.11 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---------------------------------------------------------------------------------------------------------------------------|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.5056 mL | 17.5279 mL | 35.0557 mL |
| 5 mM | 0.7011 mL | 3.5056 mL | 7.0111 mL |
| 10 mM | 0.3506 mL | 1.7528 mL | 3.5056 mL |
| 50 mM | 0.0701 mL | 0.3506 mL | 0.7011 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

Whitley R,et al. Vidarabine: a preliminary review of its pharmacological properties and therapeutic use. *Drugs*. 1980;20(4):267-282.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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