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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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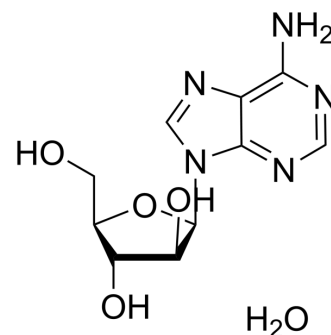
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Vidarabine monohydrate

Cat. No.:	HY-N6666		
CAS No.:	24356-66-9		
Molecular Formula:	C ₁₀ H ₁₅ N ₅ O ₅		
Molecular Weight:	285.26		
Target:	HSV; Antibiotic		
Pathway:	Anti-infection		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 250 mg/mL (876.39 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	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

Please refer to the solubility information to select the appropriate solvent.

In Vivo

1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.08 mg/mL (7.29 mM); Clear solution
2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.08 mg/mL (7.29 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Vidarabine monohydrate is an adenine arabinoside. Vidarabine monohydrate an antiviral agent which is active against herpes simplex viruses (HSV) and varicella zoster viruses^[1].

CUSTOMER VALIDATION

- J Cell Physiol. 2021 Jan 5.
- J Mol Med (Berl). 2019 Aug;97(8):1183-1193.

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- Cells. 2022, 11(20), 3187.
 - Int J Biochem Cell Biol. 2022 Jun 23;106247.
 - bioRxiv. 2020 Apr.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Whitley, R., et al., Vidarabine: a preliminary review of its pharmacological properties and therapeutic use. Drugs, 1980. 20(4): p. 267-82.

Caution: Product has not been fully validated for medical applications. For research use only.

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