



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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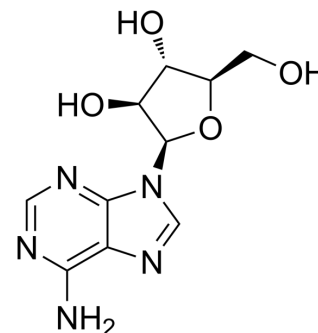
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## Vidarabine (Standard)

Cat. No.:	HY-B0277R
CAS No.:	5536-17-4
Molecular Formula:	C <sub>10</sub> H <sub>13</sub> N <sub>5</sub> O <sub>4</sub>
Molecular Weight:	267.24
Target:	HSV; Nucleoside Antimetabolite/Analog; Orthopoxvirus; Antibiotic
Pathway:	Anti-infection; Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Vidarabine (Standard) is the analytical standard of Vidarabine. This product is intended for research and analytical applications. Vidarabine (Ara-A) an antiviral agent which is active against herpes simplex and varicella zoster viruses <sup>[1][2]</sup> . Vidarabine has IC <sub>50</sub> s of 9.3 µg/ml for HSV-1 and 11.3 µg/ml for HSV-2 <sup>[2]</sup> . Vidarabine also has anti-orthopoxvirus activity <sup>[3]</sup> .
IC <sub>50</sub> & Target	DNA/RNA Synthesis <sup>[1]</sup>

### REFERENCES

- [1]. Whitley, R., et al., Vidarabine: a preliminary review of its pharmacological properties and therapeutic use. *Drugs*, 1980, 20(4): p. 267-82.
- [2]. Suzuki M, et al. Synergistic antiviral activity of acyclovir and vidarabine against herpes simplex virus types 1 and 2 and varicella-zoster virus. *Antiviral Res.* 2006;72(2):157-161.
- [3]. Donald F Smee, et al. A review of compounds exhibiting anti-orthopoxvirus activity in animal models. *Antiviral Res.* 2003 Jan;57(1-2):41-52.

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

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