**Vidarabine**

**Product ID** V3212  
**CAS No.** 5536-17-4  
**Chemical Name** 9-B-D-Arabinofuranosyl-9H-purine-6-amine monohydrate

**Synonym** Arabinosyladenine, Adenine Arabinoside, Spongoadenosine, Ara-A, Arasena-A, Vira-A

**Formula** $C_{10}H_{13}N_{5}O_{4}$  
**Formula Wt.** 267.24  
**Melting Point** 257-257.5 °C  
**Purity** ≥98%  
**Solubility**

**Store Temp** -20 °C  
**Ship Temp** Ambient

**Description** Vidarabine is a long-acting antiviral originally found in the marine sponge *Tethyra crypta*. Vidarabine is an adenosine analog in which the D-ribose constituent is replaced by D-arabinose, preventing formation of phosphodiester bridges upon incorporation into DNA. This compound is a substrate for and inhibitor of viral DNA polymerase and may also inhibit ribonucleotide reductase. Vidarabine is used to treat subjects with severe chronic Epstein-Barr virus, herpes simplex virus, or human papilloma virus, as well as immunocompromised patients with adenovirus-induced hemorrhagic cystitis.

**References**


**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.