



MANUFACTURED BY VDM BIOCHEMICALS, INC.  
5386 MAJESTIC PARKWAY, UNIT-9, BEDFORD HEIGHTS, OH 44146, USA  
PHONE NUMBER: 1-440-786-9400  
FAX NUMBER: 1-440-786-9410  
EMAIL: SALES@VDMBIO.COM

[www.vdmbio.com](http://www.vdmbio.com)

## CERTIFICATE OF ANALYSIS

Product name: **Zidovudine**

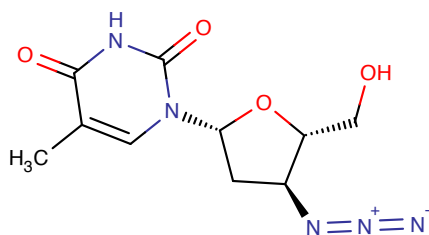
Cat. number: **VD-HA-0265**

CAS Number: **30516-87-1**

Lot number: **VD14-03008**

### Personal protective equipment

- Lab coat.
- Safety glasses.



### Product Specification

<b>Formula:</b>	C <sub>10</sub> H <sub>13</sub> N <sub>5</sub> O <sub>4</sub>
<b>MW:</b>	267.24
<b>Purity:</b>	≥98%.
<b>Appearance:</b>	Crystalline solid.
<b>Solubility:</b>	H <sub>2</sub> O (50 mg/ml).
<b>Storage:</b>	Store at -20°C.
<b>Synonyms:</b>	Azidothymidine, AZT, ZDV, 3'-Azido-3'-deoxythymidine

### Product Description

**Zidovudine** is a nucleoside reverse transcriptase inhibitor that, following triphosphorylation by thymidine kinase, potentially blocks replication of HIV.

### Quality control department:

This material is chemically synthesized. Made in USA

TO BE USED FOR RESEARCH PURPOSES ONLY. NOT FOR DRUG OR CLINICAL USE IN HUMANS OR FOOD ADDITIVE USE