

## Certificate Of Analysis

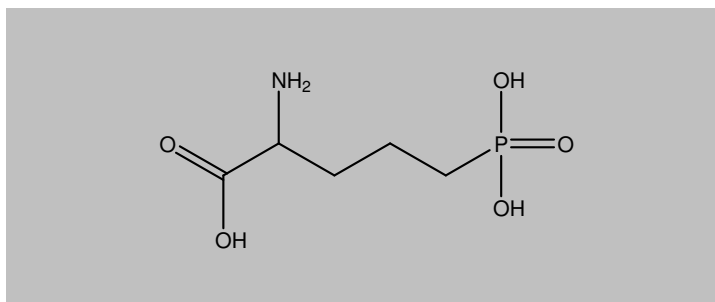
### Quality Control Testing and Research Application

COA Preparation Date: 06/05/2015  
COA Revision Date: 06/05/2018

**Product:** DL-AP5  
**Cat. No.:** BN0086  
**Batch No.:** 0086BN/13  
**Chemical Name:** DL-2-Amino-5-phosphonopentanoic acid; DL-APV

#### 1. PHYSICAL AND CHEMICAL PROPERTIES

**Batch Molecular Formula:** C<sub>5</sub>H<sub>12</sub>NO<sub>5</sub>P  
**Batch Molecular Weight:** 197.13  
**CAS No.:** [76326-31-3]  
**Physical Appearance:** Green crystalline solid  
**Melting Point:** 254 - 256° C (decomp.)  
**Solubility:** Soluble to 100 mM in 1 eq. NaOH or to 25 mM in water  
**Storage:** RT  
**Batch Molecular Structure:**



**Product Description:** Potent NMDA receptor antagonist. See separate isomers D-AP5 (Cat. No. BN0085) and L-AP5 (Cat. No. BN0087).

**References:** 1. Evans et al. (1982) Br J Pharmacol 75:65; 2. Davies and Watkins (1982) Brain Res 235:378

- CAUTION - Not fully tested. For Research use only. Not for human use. –



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**BN0086 DL-AP5**

**2. ANALYTICAL DATA**

HPLC: corresponds to the reference

MS: corresponds to the reference

Tests: HPLC Assay: > 95% (complies).

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