

Certificate Of Analysis

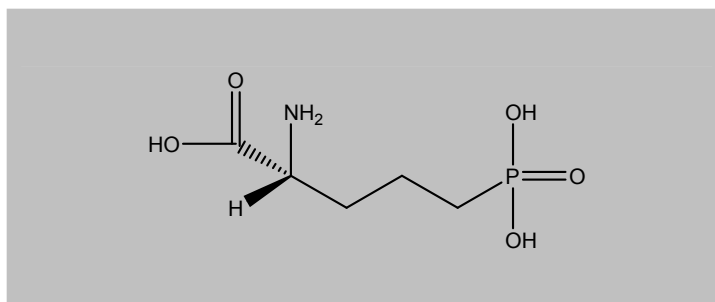
Quality Control Testing and Research Application

COA Preparation Date: 14/10/2013
COA Revision Date: 14/10/2016

Product: D-AP5
Cat. No.: BN0085
Batch No.: 0085BN/12
Chemical Name: D-(-)-2-Amino-5-phosphonopentanoic acid

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₅H₁₂NO₅P
Batch Molecular Weight: 197.13
CAS No.: [79055-68-8]
Physical Appearance: White to off-white solid
Melting Point:
Solubility: Soluble to 100 mM in water
Storage: RT
Batch Molecular Structure:



Product Description: Competitive NMDA receptor antagonist. More active enantiomer of AP5. Shows also agonistic activity at the Quisqualate-sensitised AP6 site in the hippocampus, where it is less potent than the L-isomer (Cat. No. BN0087).

References: 1. Evans et al. (1982) Br J Pharmacol 75:65; 2. Davies and Watkins (1982) Brain Res 235:378; 3. Schulte et al. (1994) Brain Res 649:203

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



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BN0085 D-AP5

2. ANALYTICAL DATA

HPLC: corresponds to the reference

MS: corresponds to the reference

Tests: HPLC Assay: > 99% (complies).

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