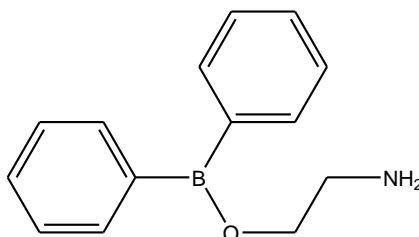


D-AP5

Cat # NB-48-0302



Product Information

| | |
|---------------------------------|---|
| Batch No.: | 0085BN/14 |
| Chemical Name: | D-(-)-2-Amino-5-phosphonopentanoic acid |
| Batch Molecular Formula: | C5H12NO5P |
| Batch Molecular Weight: | 197.13 |
| CAS No.: | [79055-68-8] |
| Physical Appearance: | White to off-white solid |
| Storage: | RT |

Solvent and solubility

Soluble to 100 mM in water

Biological activity

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.# NB-48-0541).

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

For Research use only. Not for human use

NB-48-0302 D-AP5

Analytical data

HPLC: corresponds to the reference

MS: corresponds to the reference

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

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