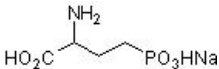


## Product datasheet

# DL-AP4 sodium salt, glutamate antagonist ab120253

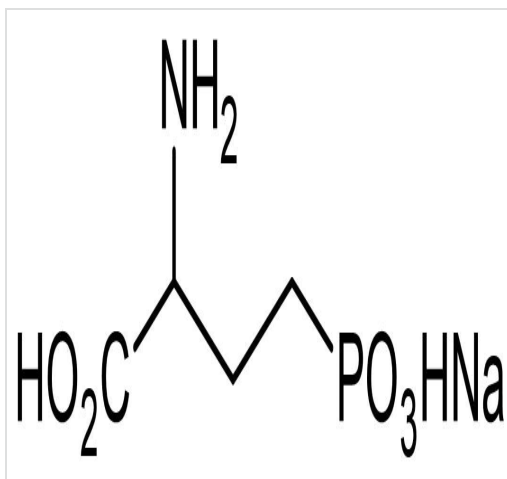
1 Image

### Overview

|                               |   |
|-------------------------------|---|
| <b>Product name</b>           | DL-AP4 sodium salt, glutamate antagonist  |
| <b>Description</b>            | Broad spectrum glutamate antagonist; water soluble  |
| <b>Biological description</b> | Broad spectrum glutamate receptor antagonist. Water soluble form.<br><br>Also available in simple stock solutions ( <a href="#">ab146690</a> ) - add 1 ml of water to get an exact, ready-to-use concentration. |
| <b>CAS Number</b>             | 1263093-79-3  |
| <b>Chemical structure</b>     |    |

### Properties

|                             |  |
|-----------------------------|--|
| <b>Chemical name</b>        | DL-2-Amino-4-phosphonobutyric acid sodium salt   |
| <b>Molecular weight</b>     | 205.08   |
| <b>Molecular formula</b>    | C <sub>4</sub> H <sub>9</sub> NNaO <sub>5</sub> P  |
| <b>PubChem identifier</b>   | 52974248   |
| <b>Storage instructions</b> | Store at Room Temperature. Store under desiccating conditions. The product can be stored for up to 12 months.  |
| <b>Solubility overview</b>  | Soluble in water to 100 mM   |
| <b>Handling</b>             | Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.<br><br>Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details. |
| <b>SMILES</b>               | NC(CCP(=O)(O)O[Na])C(=O)O  |
| <b>Source</b>               | Synthetic  |



Chemical Structure - DL-AP4 sodium salt, glutamate antagonist (ab120253)

2D chemical structure image of ab120253, DL-AP4 sodium salt, glutamate antagonist

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
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If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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