

Datasheet for ABIN5022383

## D-LAP5

### 1 Image



[Go to Product page](#)

### Overview

Quantity: 10 mg

### Product Details

Purpose: NMDA receptor antagonist

Purity: >99.0

Chemical Name: DL-amino-5-phosphonopentanoic acid

Formula: C<sub>5</sub>H<sub>12</sub>N<sub>0</sub>O<sub>5</sub>P

Solubility: Soluble to 10 mM in water and to 100 mM in 1eq. NaOH

### Target Details

Molecular Weight: 197.13

CAS-No: 76326-31-3

### Application Details

Comment: Source: Synthetic.

Appearance: White solid

Restrictions: For Research Use only

### Handling

Format: Solid

Precaution of Use: Classification: D2B Toxic Material Causing Other Toxic Effects, Moderate skin irritant, Moderate

respiratory irritant, Moderate eye irritant Safety Phrases: S22 - Do not breathe dust. S24/25 - Avoid contact with skin and eyes. S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection. Hazard statements: H315 Causes skin irritation. H319 Causes serious eye irritation. H335 May cause respiratory irritation. Precautionary statements: P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. P264 Wash skin thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/ eye protection/ face protection. P302 + P352 IF ON SKIN: Wash with plenty of soap and water. P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

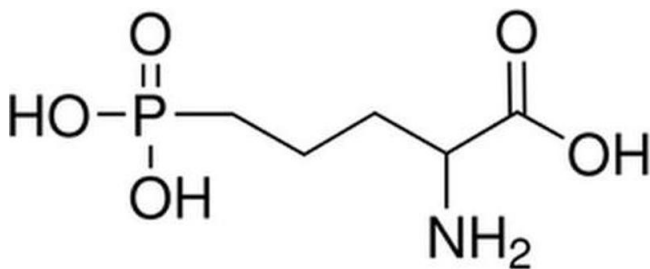
### Handling Advice:

Classification: D2B Toxic Material Causing Other Toxic Effects, Moderate skin irritant, Moderate respiratory irritant, Moderate eye irritant Safety Phrases: S22 - Do not breathe dust. S24/25 - Avoid contact with skin and eyes. S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection. Hazard statements: H315 Causes skin irritation. H319 Causes serious eye irritation. H335 May cause respiratory irritation. Precautionary statements: P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. P264 Wash skin thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/ eye protection/ face protection. P302 + P352 IF ON SKIN: Wash with plenty of soap and water. P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

### Storage:

-20 °C

## Images



### Molecule

**Image 1.** Chemical structure of D-LAP5, a Glutamate-NMDA receptor antagonist. CAS #: 76326-31-3. Molecular Formula: C<sub>5</sub>H<sub>12</sub>N<sub>1</sub>O<sub>5</sub>P. Molecular Weight: 197.13 g/mol.