

Hello Bio, Inc.  
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## DATASHEET

D-Aspartic acid

### Product overview

<b>Name</b>	D-Aspartic acid
<b>Cat No</b>	HB0230
<b>Biological action</b>	Agonist
<b>Purity</b>	>98%
<b>Description</b>	NMDA receptor agonist

### Images



### Biological Data

<b>Biological description</b>	NMDA receptor agonist. Also inhibits norepinephrine-dependent melatonin synthesis. Displays similar activity to L-aspartic acid. Also acts as an endogenous neurotransmitter. Plays role in testosterone and luteinising hormone synthesis and release.
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### Solubility & Handling

<b>Storage instructions</b>	Room temperature
<b>Solubility overview</b>	Soluble in 0.1M NaOH (100mM)
<b>Important</b>	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

### Chemical Data

<b>Chemical name</b>	D-Aminosuccinic acid
<b>Molecular Weight</b>	133.1
<b>Chemical structure</b>	
<b>Molecular Formula</b>	C <sub>4</sub> H <sub>7</sub> NO <sub>4</sub>
<b>CAS Number</b>	1783-96-6
<b>PubChem identifier</b>	83887
<b>SMILES</b>	C([C@H](C(=O)O)N)C(=O)O
<b>InChi</b>	InChI=1S/C4H7NO4/c5-2(4(8)9)1-3(6)7/h2H,1,5H2,(H,6,7)(H,8,9)/t2-m/s1

**InChiKey**  
**MDL number**

CKLJMWTZIZZHCS-UWTATZPHSA-N  
MFCD00063081

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