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DATASHEET

D-Aspartic acid

Product overview

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

Images



Biological Data

Biological description	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

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

Chemical Data

Chemical name	D-Aminosuccinic acid
Molecular Weight	133.1
Chemical structure	
Molecular Formula	C ₄ H ₇ NO ₄
CAS Number	1783-96-6
PubChem identifier	83887
SMILES	C([C@H](C(=O)O)N)C(=O)O
InChi	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
