

## Product datasheet

# L-(-)-threo-3-Hydroxyaspartic acid, EAAT1-4 inhibitor/non-transportable EAAT5 inhibitor ab146130

### Overview

<b>Product name</b>	L-(-)-threo-3-Hydroxyaspartic acid, EAAT1-4 inhibitor/non-transportable EAAT5 inhibitor
<b>Description</b>	Potent, competitive, transportable EAAT1-4 inhibitor/non-transportable EAAT5 inhibitor
<b>Biological description</b>	Potent, competitive, transportable EAAT1-4 inhibitor/non-transportable EAAT5 inhibitor. Potentiates L-glutamate ( <a href="#">ab120049</a> ) and L-aspartate induced neuronal excitation. Shows neuronal excitotoxic effects <i>in vivo</i> .
<b>Purity</b>	> 97%
<b>CAS Number</b>	7298-99-9
<b>Chemical structure</b>	

### Properties

<b>Chemical name</b>	(3S)-3-Hydroxy-L-aspartic acid
<b>Molecular weight</b>	149.10
<b>Molecular formula</b>	C <sub>4</sub> H <sub>7</sub> NO <sub>5</sub>
<b>PubChem identifier</b>	443239
<b>Storage instructions</b>	Store at room temperature.
<b>Solubility overview</b>	Soluble in 1eq. NaOH to 100 mM
<b>Handling</b>	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>	[C@H]([C@@H](C(=O)O)O)(C(=O)O)N
<b>Source</b>	Synthetic

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

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