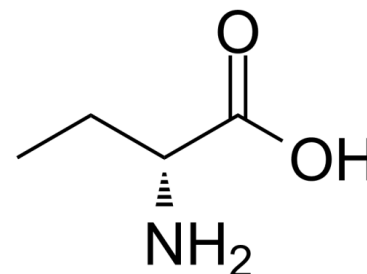


## Data Sheet

Product Name:	D(-)-2-Aminobutyric acid
Cat. No.:	CS-D1130
CAS No.:	2623-91-8
Molecular Formula:	C <sub>4</sub> H <sub>9</sub> NO <sub>2</sub>
Molecular Weight:	103.12
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Solubility:	10 mM in DMSO



### BIOLOGICAL ACTIVITY:

D(-)-2-Aminobutyric acid is a substrate of D-amino acid oxidase. **In Vitro:** D(-)-2-Aminobutyric acid (D- $\alpha$ -aminobutyric acid) is a substrate of D-amino acid oxidase<sup>[1]</sup>.

### References:

[1]. Yagi K, et al. Spectroscopic demonstration of an initial stage of the complex of D-amino acid oxidase and its substrate D-alpha-aminobutyric acid. *Biochem Biophys Res Commun.* 1980 Nov 28;97(2):370-4.

### CAIndexNames:

Butanoic acid, 2-amino-, (2R)-

### SMILES:

CC[C@H](N)C(O)=O

**Caution: Product has not been fully validated for medical applications. For research use only.**

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