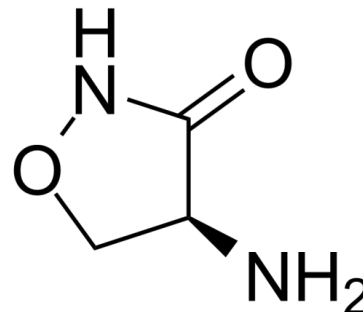


Data Sheet

Product Name:	L-Cycloserine
Cat. No.:	CS-4717
CAS No.:	339-72-0
Molecular Formula:	C ₃ H ₆ N ₂ O ₂
Molecular Weight:	102.09
Target:	GABA Receptor; HIV
Pathway:	Anti-infection; Membrane Transporter/Ion Channel; Neuronal Signaling
Solubility:	H ₂ O : 13.33 mg/mL (130.57 mM; Need ultrasonic); DMSO : 12.5 mg/mL (122.44 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

L-Cycloserine ((S)-4-Amino-3-isoxazolidone) irreversibly inhibits GABA pyridoxal 5'-phosphate-dependent aminotransferase in *E. coli*, as well in the brains of various animals in a time-dependent manner, results in increased levels of gamma-aminobutyric acid (GABA), which is an inhibitory neurotransmitter in vivo.

CAIndexNames:

3-Isloxazolidinone, 4-amino-, (4S)-

SMILES:

O=C1NOC[C@@H]1N

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

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