

D-Cycloserine

Catalog No: tcsc2395



Available Sizes

Size: 100mg

Size: 500mg



Specifications

CAS No:

68-41-7

Formula:

$C_3H_6N_2O_2$

Pathway:

Anti-infection

Target:

Bacterial

Purity / Grade:

>98%

Solubility:

DMSO : 1 mg/mL (9.80 mM; Need warming); H₂O : ≥ 50 mg/mL (489.76 mM)

Observed Molecular Weight:

102.09

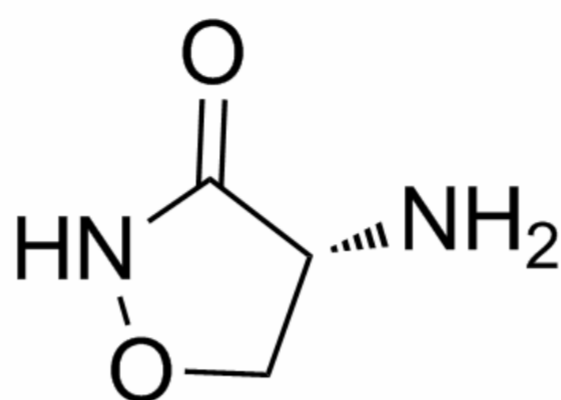
Product Description

D-Cycloserine is an analog of the amino acid D-alanine.

Target: Antibacterial

D-Cycloserine selectively potentiated the duration of motor cortical excitability enhancements induced by anodal tDCS. D-Cycloserine alone did not modulate excitability [1]. Participants receiving d-cycloserine in addition to exposure therapy reported

significantly less social anxiety compared with patients receiving exposure therapy plus placebo. Controlled effect sizes were in the medium to large range [2]. Chronic D-cycloserine significantly reduced nicotine self-administration selectively in rats with low baseline nicotine use, but was ineffective with the rats with higher levels of baseline nicotine self-administration [3].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!