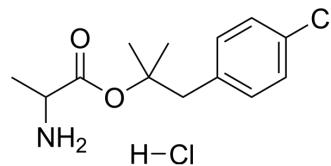


Alaproclate hydrochloride

Cat. No.:	HY-133732
CAS No.:	60719-83-7
Molecular Formula:	C ₁₃ H ₁₉ Cl ₂ NO ₂
Molecular Weight:	292.2
Target:	Serotonin Transporter; 5-HT Receptor; iGluR
Pathway:	Neuronal Signaling; GPCR/G Protein; Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Alaproclate (GEA 654) hydrochloride is a selective and orally active serotonin re-uptake inhibitor (SSRI). Alaproclate hydrochloride also acts as a potent, reversible and noncompetitive antagonist of the NMDA receptor coupled ion flow^{[1][2]}.

REFERENCES

[1]. Campagna J, et al. A small molecule ApoE4-targeted therapeutic candidate that normalizes sirtuin 1 levels and improves cognition in an Alzheimer's disease mouse model. *Sci Rep.* 2018 Dec 4;8(1):17574.

[2]. Wilkinson A, et al. Alaproclate acts as a potent, reversible and noncompetitive antagonist of the NMDA receptor coupled ion flow.

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

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