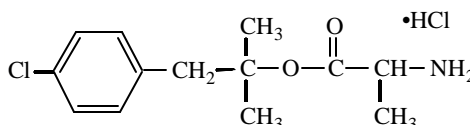


## Product Information

Cat. No. A-164

### ALAPROCLATE HYDROCHLORIDE

Potent and selective 5-HT uptake inhibitor.

**Mol. Formula:** C<sub>13</sub>H<sub>18</sub>ClNO<sub>2</sub>•HCl**Mol. Wt.:** 292.21 (anhyd.)**mp.:** 98-99 °C**CAS Registry No.:** 60719-82-6 (free base)**Chemical Name:** D,L-Alanine, 2-(4-Chlorophenyl)-1,1-dimethylethyl ester hydrochloride**Physical Properties:** White crystals.**Caution:** The pharmacology of this compound is incompletely characterized and due care should be exercised in its use. Avoid skin contact, ingestion or inhalation.**Storage:** Store tightly sealed at room temperature.**Solubility:** Soluble in water.**Disposal:** Dissolve or mix the compound with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.**References:**

1. Lindberg, U.H., Thorberg, S-O., Bengtsson, S., Renyi, A.L., Ross, S.B., Orgen, S-O. "Inhibitors of neuronal monoamine uptake. 2. Selective inhibition of 5-hydroxytryptamine uptake by  $\alpha$ -amino acid esters of phenethyl alcohols." *J. Med. Chem.* **21(5)**, 448 (1978).
2. Orgen, S-O., Holm, A-C., Hall, H., Lindberg, U.H. "Alaproclate, a new selective 5-HT uptake inhibitor with therapeutic potential in depression and senile dementia." *J. Neural Trans.* **59**, 265 (1984).
3. Lindberg, U.H., Orgen, S-O. "Ion channel modulators - prospects for novel therapeutics in mental disorders." *Trends Med. Chem.* '88, van der Goot, H., Domany, G., Pallos, L., Timmerman, H. Eds., Elsevier Science Publishers B.V., Amsterdam 1989, p. 555.

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