

Cat. No. R-121

### S(-)-RACLOPRIDE L-TARTRATE

Selective D<sub>2</sub> dopamine receptor antagonist.

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| <b>Mol. Formula:</b>        | C <sub>15</sub> H <sub>20</sub> Cl <sub>2</sub> N <sub>2</sub> O <sub>3</sub> ·C <sub>4</sub> H <sub>6</sub> O <sub>6</sub>  |
| <b>Mol. Wt.:</b>            | 497.33 (anhyd.)  |
| <b>m.p.:</b>                | 140-142°C  |
| <b>CAS Registry No.:</b>    | 98185-20-7   |
| <b>Chemical Name:</b>       | (S)-3,5-Dichloro-N-[(1-ethyl-2-pyrrolidiny)methyl]-2-hydroxy-6-methoxy-benzamide L-tartrate  |
| <b>Physical Properties:</b> | White solid.   |
| <b>Caution:</b>             | While no human toxicity data is available for this substance, it should be handled with care. Precautions should be taken to avoid contact by all routes of exposure. RTECS No. CV3465000. |
| <b>Storage:</b>             | Store tightly sealed at room temperature.  |
| <b>Solubility:</b>          | Soluble in water (89 mg/ml).   |
| <b>Disposal:</b>            | Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. OBSERVE ALL LOCAL, STATE AND FEDERAL LAWS.           |

#### References:

1. Protais, P. et al. "Dopamine receptor antagonist properties of S 14506, 8-OH-DPAT, raclopride and clozapine in rodents." *Eur. J. Pharmacol.* **271**, 167-177 (1994).
2. Lublin, H. et al. "Chronic treatment with the D<sub>1</sub> receptor antagonist, SCH 23390, and the D<sub>2</sub> receptor antagonist, raclopride, in cebus monkeys withdrawn from previous haloperidol treatment. Extrapyramidal syndromes and dopaminergic supersensitivity." *Psychopharmacology* **112**, 389-397 (1993).
3. Kopp, J. et al. "Effect of raclopride on dopamine D<sub>2</sub> receptor mRNA expression in rat brain." *Neuroscience* **47**, 771-779 (1992).

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