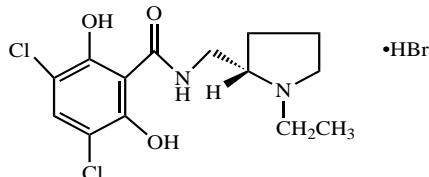


Cat. No. D-204

S(+)-O-DESMETHYLACLOPRIDE HYDROBROMIDE

Precursor to radiolabeld S(+)-Raclopride.

Mol. Formula: C₁₄H₁₈Cl₂N₂O₃•HBr



Mol. Wt.: 414.13 (anhyd.)

m.p.: 211-212°C

CAS Registry No.: 119670-11-0 (free base)

Chemical Name: S(+)-3,5-Dichloro-N-[(1-ethyl-2-pyrrolidinyl)methyl]-2,6-dihydroxy-benzamide hydrobromide

Physical Properties: White photosensitive solid. $[\alpha]^{23}_D = +11.0^\circ (c = 1.08, \text{EtOH})$.

Caution: 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.

Storage: Store tightly sealed at room temperature, protected from exposure to light.

Solubility: Soluble in water (10 mg/ml).

Disposal: Dissolve or mix the compound with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

References:

1. Pike, V.W., Kensett, M.J., Turton, D.R., Waters, S.L., Silvester, D.J. "Labeled agents for PET studies of the dopaminergic system - some quality assurance methods, experience and issues." *Appl. Radiat. Isot.* **41**, 483-492 (1990).
2. Adam, M.J., Grierson, J.R., Jivan, S. "An improved HPLC system for the analysis and purification of organic amine radiopharmaceuticals." *Appl. Radiat. Isot.* **40**, 91-92 (1989).

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