Product overview

Name: CP 94253 hydrochloride
Cat No: HB1671

Short description: Potent, selective 5-HT_{1B} receptor agonist

Biological description: Potent, selective 5-HT_{1B} receptor agonist (K_i values are 2, 89, 49, 860, and 1600 nM at 5-HT_{1B}, 5-HT_{1A}, 5-HT_{1D}, 5-HT_{1C} and 5-HT_{2} respectively). Reduces foot intake, anticonvulsant and antidepressant-like effects. Active in vivo. Blood-brain barrier permeable.

Biological action: Agonist

Purity: >98%

Properties

Chemical name: 5-Propoxy-3-(1,2,3,6-tetrahydro-4-pyridinyl)-1H-pyrrolo[3,2-b]pyridine hydrochloride

Molecular Weight: 293.8

Chemical structure:

Molecular Formula: C_{15}H_{19}N_{3}O.HCl

CAS Number: 845861-39-4

PubChem identifier: 11652258

SMILES: Cl.CCCOC1=CC=C2NC=C(C2=N1)C1=CCNCC1

InChiKey: PIIOXQIZCVXMD-UHFFFAOYSA-N

Storing and Using Your Product

Storage instructions: room temperature (desiccate)

Important: This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

References for CP 94253 hydrochloride
Effect of 5-HT1B receptor agonists injected into the prefrontal cortex on maternal aggression in rats.
PubMedID: 17581682

Biochemical and behavioral studies of the 5-HT1B receptor agonist, CP-94,253

Antidepressant-like effect of the selective 5-HT1B receptor agonist CP 94253: a possible mechanism of action.
PubMedID: 15913599

Anticonvulsant effect of the selective 5-HT1B receptor agonist CP 94253 in mice.
PubMedID: 16765343