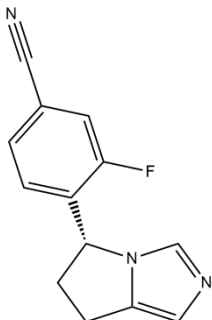


Osilodrostat

02/21

ALTERNATE NAMES: LCI699; 4-[(5R)-6,7-dihydro-5H-pyrrolo[1,2-c]imidazol-5-yl]-3-fluorobenzonitrile**CATALOG #:** B3108-5 5 mg
B3108-25 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₃H₁₀FN₃**MOLECULAR WEIGHT:** 227.24**CAS NUMBER:** 928134-65-0**APPEARANCE:** White powder**PURITY:** ≥ 98%**SOLUBILITY:** ~45 mg/ml in DMSO**DESCRIPTION:** Osilodrostat is a potent inhibitor of the enzymes 11 β -hydroxylase (CYP11B1) and aldosterone synthase (CYP11B2), which catalyze the final steps of cortisol and aldosterone biosynthesis, respectively, in the adrenal cortex. Osilodrostat inhibits 11 β -hydroxylase and aldosterone synthase with IC₅₀ values of 2.5 nM and 0.7 nM respectively. It is used to lower cortisol levels in the treatment of Cushing's disease.**STORAGE TEMPERATURE:** -20 °C**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**REFERENCE:** Li, L., Vashisht K., Boisclair, J. et al. Osilodrostat (LCI699), a potent 11 β -hydroxylase inhibitor, administered in combination with the multireceptor-targeted somatostatin analog pasireotide: A 13-week study in rats. *Toxicol Appl Pharmacol.* 286(3):224-33 (2015).**RELATED PRODUCTS:**

Cortisol (Serum/Urine) ELISA Kit (Cat. No. E4849)
Dexamethasone (Cat. No. 1042)
Aldosterone ELISA Kit (Cat. No. E4342)
L-(-)-Norepinephrine bitartrate hydrate (Cat. No. B3089)
Aldosterone (Cat. No. B2153)

DISCLAIMER: ***FOR RESEARCH USE ONLY! Not to be used on humans.***