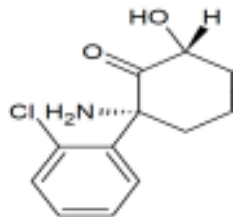


(2R,6R)-Hydroxynorketamine

ALTERNATE NAME: (2R,6R)-2-Amino-2-(2-chlorophenyl)-6-hydroxycyclohexanone hydrochloride

CATALOG #: B3291-1 1 mg
B3291-5 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₂H₁₄ClNO₂.HCl

MOLECULAR WEIGHT: 276.16

CAS NUMBER: 1430202-69-9

APPEARANCE: White solid

PURITY: ≥98% by HPLC

SOLUBILITY: >25 mg/ml DMSO
~10 mg/ml Water

DESCRIPTION: (2R,6R)-Hydroxynorketamine hydrochloride is a ketamine metabolite that enhances AMPA receptor-mediated excitatory post-synaptic potentials in the CA1 region of hippocampal slices. Decreases intracellular D-serine (a NMDA co-agonist) concentrations in PC-12 cells (IC₅₀ = 0.68 nM). Acts as an antidepressant.

STORAGE TEMPERATURE: -20°C. Protect from moisture

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Compound 112254 (2573)
AdipoRon (2565)
AdipoR1 Antibody (3940)
Wedelolactone (B2811)

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