

Catalog	Unit
TBI3880-5MG	5 mg
TBI3880-25MG	25 mg

Product Details

Formal Name: (S)-3-Chloro-N-(2-oxo-2-((1-phenylethyl)amino)ethyl) benzamide

Molecular Formula: C₁₇H₁₇ClN₂O₂

Formula Weight: 316.80

CAS Number: 1802326-66-4

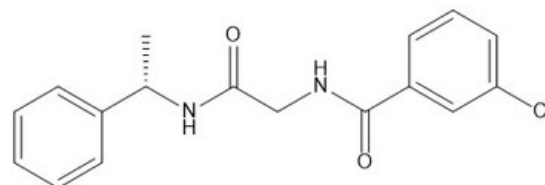
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 35 mg/ml)

Storage: -20°C

Stability: ≥ 2 years.



Applications

GPR139 agonist, suppresses morphine intake

Functions

JNJ-63533054 is a potent and selective brain-penetrant GPR139 agonist (EC₅₀=16 nM) an orphan G-protein-coupled receptor expressed in the CNS. Tritium-labeled JNJ-63533054 binds to cell membranes expressing GPR139 and can be displaced by putative endogenous ligands. Decreases compulsive-like alcohol drinking and hyperalgesia in alcohol-dependent rodents. Suppresses morphine intake in a mouse self-administration model.

Application Procedures

First dissolved in DMSO (up to 35 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20° for up to 2 months.

For research use only.