

Product Name: CL-316243

Cat. No.: BIAOS-2505-CXX-14

Package: 5 mg/25 mg

Description

A potent, selective β_3 adrenergic receptor agonist ($EC_{50} = 3$ nM) with anti-obesity and anti-diabetic effects in mice. Induces active mitochondrial uncoupling protein (UCP) in white fat.

Product Details

Formal Name: 5-[(2R)-2-[[[(2R)-2-(3-Chlorophenyl)-2-hydroxyethyl]amino]propyl]-1, 3-benzodioxole-2, 2-dicarboxylic acid disodium salt

Purity: >98%

CAS Number: 151126-84-0

Formula: C₂₀H₁₈ClNNa₂O₇

Molecular Weight: 465.8

Appearance: Powder

Solubility: Dissolves in water (up to 50 mg/mL).

Stability: ≥ 2 years

Application Procedures: First, dissolve in Water (up to 50 mg/mL), and then dilute it into an aqueous buffer. Solutions in DMSO or distilled water can be stored at -20° for up to 2 months.

Storage Information: -20°C

Application

β_3 -adrenergic agonist / antiobesity

 For preclinical research and development use only; not intended for therapeutic or other applications.