

AM251, Cannabinoid CB1 antagonist

Catalog	Unit
TBI2007-10MG	10 mg
TBI2007-50MG	50 mg

Product Details

Formal Name: N-(Piperidin-1-yl)-5-(4-iodophenyl)-1-(2,4-dichlorophenyl)-4-methyl-1H-pyrazole-3-carboxamide

Molecular Formula: C₂₂H₂₁Cl₂IN₄O

Formula Weight: 555.24

CAS Number: 183232-66-8

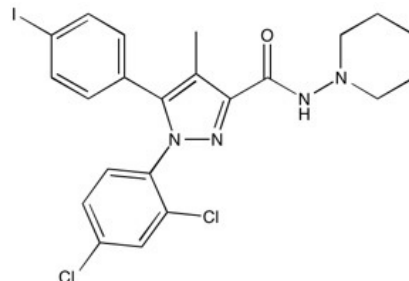
Purity: >98%

Formulation: Powder

Solubility: Soluble in DMSO (up to 50 mg/ml) or in Ethanol (up to 13 mg/ml)

Storage: -20°C

Stability: ≥ 1 year.



Applications

Cannabinoid CB1 antagonist

Functions

A potent cannabinoid CB1 receptor antagonist with selectivity over CB2 receptors (306-fold). Displays anorectic effects and antidepressant-like effects in mice. Behaves as an agonist at GPR55, EC₅₀=39nM. Active in vivo.

Application Procedures

First dissolved in DMSO (up to 50 mg/ml) or in Ethanol (up to 13 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 3 months.

For research use only.