

MDL-29951, GPR17 agonist

Catalog	Unit
TBI4537-5MG	5 mg
TBI4537-25MG	25 mg

Product Details

Formal Name: 3-(2-Carboxy-4,6-dichloroindol-3-yl)propionic acid

Molecular Formula: C₁₂H₉Cl₂NO₄

Formula Weight: 302.11

CAS Number: 130798-51-5

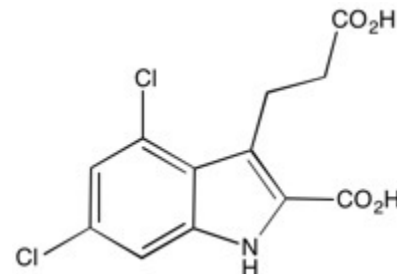
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 15 mg/ml with warming) or in Ethanol (up to 10 mg/ml).

Storage: RT

Stability: ≥ 2 years.



Applications

GPR17 agonist

Functions

MDL29,951 is a new, highly specific, small molecule activator of GPR171 that has been shown to be active in intact cells. The ability to specifically activate GPR17 allows for the study of the exact role GPR17 plays in the maturation of oligodendrocytes and may lead to a therapeutic strategy to promote myelin repair. Antagonist for the strychnine-insensitive glycine binding site of the NMDA receptor (IC₅₀ = 170 nM).

Application Procedures

First dissolved in DMSO (up to 15 mg/ml with warming), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20° for up to 3 months.

For research use only.