

Nutlin-3, p53/mdm2 inhibitor

| Catalog | Unit |
|--------------|-------|
| TBI1350-5MG | 5 mg |
| TBI1350-25MG | 25 mg |

Product Details

Formal Name: (\pm)-4-[4,5-Bis(4-chlorophenyl)-2-(2-isopropoxy-4-methoxy-phenyl)-4,5-dihydro-imidazole-1-carbonyl]-piperazin-2-one

Molecular Formula: C₃₀H₃₀Cl₂N₄O₄

Formula Weight: 581.51

CAS Number: 548472-68-0

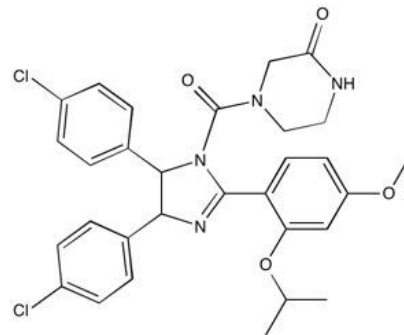
Purity: >98%

Formulation: powder

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

Storage: -20°C

Stability: \geq 2 years.



Applications

p53/mdm2 inhibitor

Functions

MDM2 antagonist; inhibits the MDM2-p53 interaction (IC₅₀ = 0.09 μ M) and activates p53. Displays antiproliferative activity and induces apoptosis in a variety of tumor cells.

Application Procedures

First dissolved in DMSO (up to 50 mg/ml), or in Ethanol (up to 50 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 1 month.

For research use only.