

| Catalog | Unit |
|------------|------|
| TBI2474-1G | 1 g |
| TBI2474-5G | 5 g |

Product Details

Formal Name: 5-Chloro-N-(2-chloro-4-nitrophenyl)-2-hydroxybenzamide

Molecular Formula: C₁₃H₈Cl₂N₂O₄

Formula Weight: 327.13

CAS Number: 50-65-7

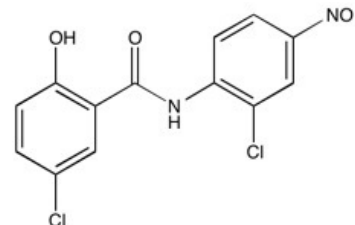
Purity: >98%

Formulation: Powder

Solubility: Soluble in DMSO (14 mg/ml, warm), or in Ethanol (6 mg/ml).

Storage: RT

Stability: ≥ 3 years.



Applications

STAT3 signaling inhibitor

Functions

Niclosamide (50-65-7) reversibly inhibits mTORC1 signaling and stimulates autophagy. Inhibits activation and nuclear translocation of STAT3 selectively over STAT1 and STAT5. Niclosamide inhibits transcription of STAT3 target genes and induces cell cycle arrest and apoptosis in cells with constitutively active STAT3.

Application Procedures

First dissolved in DMSO (14 mg/ml, warm) or in ethanol (6 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 3 months.

Relative Products

| | |
|---------|---------------------------------------|
| TBI1170 | Mitomycin C |
| TBI1345 | E64, Cysteine protease inhibitor |
| TBI1347 | E64d, Cysteine protease inhibitor |
| TBI2064 | Chromomycin A3 |
| TBI2069 | Cytochalasin B |
| TBI2794 | 5-EDU, DNA Click labeling probe |
| TBI2071 | Cytochalasin D |
| TBI1286 | Bestatin, Aminopeptidase inhibitor |
| TBI2140 | Gemcitabine |
| TBI2058 | Aphidicolin, DNA polymerase Inhibitor |

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