

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 (up to 3 mg/ml), or in Ethanol (up to 6 mg/ml).

Storage: RT

Stability: ≥ 2 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 (up to 3 mg/ml) or in ethanol (up to 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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