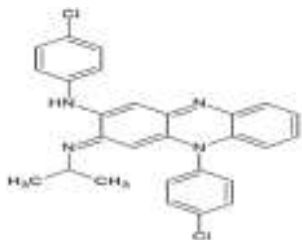


# Clofazimine

**ALTERNATE NAME:** NSC 141046  
N,5-bis(4-chlorophenyl)-3,5-dihydro-3-[(1-methylethyl)imino]-2-phenazinamine

**CATALOG #:** B2712-50 50 mg  
B2712-250 250 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>27</sub>H<sub>22</sub>Cl<sub>2</sub>N<sub>4</sub>

**MOLECULAR WEIGHT:** 473.4

**CAS NUMBER:** 2030-63-9

**APPEARANCE:** Yellow to Amber to Dark red powder

**PURITY:** ≥98% by HPLC

**SOLUBILITY:** ~ 1 mg/ml DMSO

**DESCRIPTION:** Clofazimine is used as an antileprosy drug. It is used to treat multidrug-resistant tuberculosis. Clofazimine prevents neutrophil motility and lymphocyte transformation. It displays anti-inflammatory effect, which is used to treat discoid lupus erythematosus. Clofazimine specifically inhibits canonical Wnt signaling in a panel of TNBC cells in vitro. Clofazimine also displays immunosuppressive property. Recently, Clofazimine has shown to display potent antiviral activities against SARS-CoV-2.

**STORAGE TEMPERATURE:** -20°C. Protect from light

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

Tryptanthrin (B2951)  
Minocycline Hydrochloride (B1525)  
Nimorazole (9521)  
Allicin (B2960)

**DISCLAIMER:** *FOR RESEARCH USE ONLY! Not to be used on humans.*