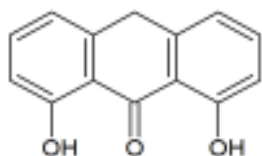


# Dithranol

**ALTERNATE NAME:** 1,8,9-Anthracenetriol  
1,8-Dihydroxy-9(10H)-anthracenone  
Anthralin

**CATALOG #:** B3203-100 100 mg  
B3203-500 500 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>14</sub>H<sub>10</sub>O<sub>3</sub>

**MOLECULAR WEIGHT:** 226.23

**CAS NUMBER:** 1143-38-0

**APPEARANCE:** Light yellow to brown solid

**PURITY:** ≥95% by HPLC

**SOLUBILITY:** >10 mg/ml DMSO

**DESCRIPTION:** Dithranol is a leukotriene biosynthesis inhibitor. It inhibits LTB<sub>4</sub> ω-oxidation and disrupts mitochondria function. Dithranol is highly effective in the treatment of psoriasis. The drug inhibits keratinocyte hyperproliferation, granulocyte function and, in addition, may exert an immunosuppressive effect.

**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:**

Anti-IL-23α (Tildrakizumab), Humanized Antibody (A2159)  
Anti-IL-17α (Ixekizumab), Humanized Antibody (A2149)  
AX-024 hydrochloride (B2013)  
Anti-IL23α (Risankizumab), Humanized Antibody (A2204)

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