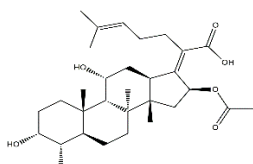


# Fusidic acid

**ALTERNATE NAME:** (3a,4a,8a,9b,11a,13a,147b,167b,17Z)-16-(Acetyloxy)-3,11-dihydroxy-29-nordammara-17(20),24-dien-21-oic acid  
Flucidin  
Fucithalamic  
Ramycin

**CATALOG #:** B2392-100 100 mg  
B2392-500 500 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>31</sub>H<sub>48</sub>O<sub>6</sub>

**MOLECULAR WEIGHT:** 516.72

**CAS NUMBER:** 6990-06-3

**APPEARANCE:** White to off-white solid

**PURITY:** ≥98%

**SOLUBILITY:** >40 mg/ml Ethanol

**DESCRIPTION:** Fusidic Acid is a bacteriostatic antibiotic derived from the fungus *Fusidium coccineum* that acts as a bacterial protein synthesis inhibitor by preventing the turnover of elongation factor G (EF-G) from the ribosome. Fusidic acid is effective primarily on gram-positive bacteria. Suppresses nitric oxide lysis of pancreatic islet cells.

**REFERENCES:** Burkart, V., et al. (1994). *Biochem. Pharmacol.* 48, 1379-1385

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

**RELATED PRODUCTS:**

Cycloheximide (1041)  
Puromycin dihydrochloride (1860)  
Anisomycin (1549)  
Blasticidin S Hydrochloride (1859)

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