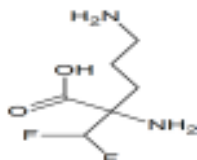


# Eflornithine

**ALTERNATE NAME:** Difluoromethylornithine  
dfmo  
2,5-diamino-2-(difluoromethyl)pentanoic acid  
2-(Difluoromethyl)ornithine

**CATALOG #:** B2651-10 10 mg  
B2651-50 50 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>6</sub>H<sub>12</sub>F<sub>2</sub>N<sub>2</sub>O<sub>2</sub>

**MOLECULAR WEIGHT:** 182.17

**CAS NUMBER:** 70052-12-9

**APPEARANCE:** Off-white powder

**PURITY:** ≥98%

**SOLUBILITY:** DMSO

**DESCRIPTION:** Eflornithine (Difluoromethylornithine) is a fluorinated ornithine analog that acts as an irreversible inhibitor of ornithine decarboxylase (ODC). It displays antiangiogenic activity, inhibits carcinogenesis, and induces apoptosis. Eflornithine functions as a chemopreventive and chemotherapeutic agent against neuroblastoma and colorectal cancer. It exhibits cytostatic effects on mammalian cells and tissues.

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

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

**RELATED PRODUCTS:**

Ornithine Decarboxylase I (ODC1) Inhibitor Screening Kit (Colorimetric) (K176)  
Ornithine Decarboxylase, Human Recombinant (P1342)

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