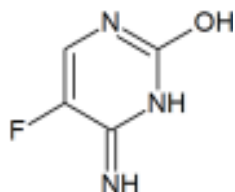


Flucytosine

ALTERNATE NAME: NSC 103805
5-FC
6-amino-5-fluoro-2(1H)-pyrimidinone
5-Fluorocytosine

CATALOG #: B3299-100 100 mg
B3299-500 500 mg

STRUCTURE:



MOLECULAR FORMULA: C₄H₄FN₃O

MOLECULAR WEIGHT: 129.09

CAS NUMBER: 2022-85-7

APPEARANCE: White to off-white solid

PURITY: ≥98% by HPLC

SOLUBILITY: ~0.2 mg/ml DMSO

DESCRIPTION: Flucytosine, a fluorinated pyrimidine analog that displays antifungal activities. 5-FC is deaminated by cytosine deaminase to product 5-fluorouracil, resulting in RNA miscoding. Flucytosine inhibits DNA and RNA synthesis and interferes with ribosomal protein synthesis.

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:

Carmofur (B2448)
6-Azauridine (B1024)
Cidofovir (B2682)
Fludarabine Phosphate (1763)

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