



LKT Laboratories, Inc.

5-Fluorocytosine

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Product Information

Product ID F4581

CAS No. 2022-85-7

Chemical Name 6-amino-5-fluoro-2(1H)-pyrimidinone

Synonym Flucytosine, Ancobon, Ancotil, 5-FC, NSC 103805, Ro 2-9915

Formula C₄H₄FN₃O

Formula Wt. 129.09

Melting Point

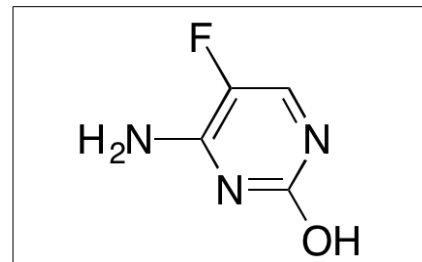
Purity ≥98%

Solubility Soluble in water (1.5 g/100 mL or 0.089 M).

Store Temp 4°C

Ship Temp Ambient

Description 5-Fluorocytosine, or Flucytosine, is a synthetic fluorinated pyrimidine analog that is used as an antifungal agent. In the presence of the enzyme cytosine deaminase it is converted to 5-fluorouracil, an antimetabolite that is an inhibitor of thymidylate synthase.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
F4581	500 mg	\$52.50
F4581	1 g	\$78.80
F4581	5 g	\$157.50
F4581	10 g	\$288.80

References Huang TT, Parab S, Burnett R, et al. Intravenous administration of retroviral replicating vector, Toca 511, demonstrates therapeutic efficacy in orthotopic immune-competent mouse glioma model. Hum Gene Ther. 2015 Feb; 26(2):82-93. PMID: 25419577.

Davoudi N, Khamesipour A, Mahboudi F, McMaster WR. A dual drug sensitive L. major induces protection without lesion in C57BL/6 mice. PLoS Negl Trop Dis. 2014 May 29; 8(5):e2785. PMID: 24873970.

O'Connor L, Livermore J, Sharp AD, et al. Pharmacodynamics of liposomal amphotericin B and flucytosine for cryptococcal meningoencephalitis: safe and effective regimens for immunocompromised patients. J Infect Dis. 2013 Jul 15; 208(2):351-361. PMID: 23599314.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.