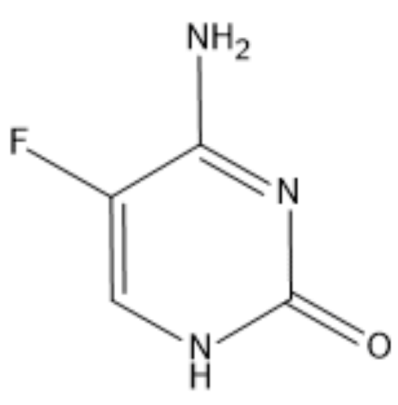


Certificate of Analysis

Catalog Number	BP13215
Product Name	Flucytosine

Physical and Chemical Properties

Synonyms	Ro 2-9915, 5-Fluorocytosine, NSC 103805, Fluorocytosine
CAS No.	2022-85-7
Chemical Formula	C ₄ H ₄ FN ₃ O
Molecular Weight	129.094
Solubility	DMSO: 8 mg/mL (61.97 mM) H ₂ O: 5 mg/mL (38.73 mM); Ethanol: <1 mg/mL
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

Product Information

Description	Flucytosine is a pyrimidine compound and a fluorinated cytosine analog exhibiting antifungal activity.
-------------	--

Analytical Data

HPLC	Shows Min >99% purity
H-NMR	Consistent with structure
Stability and Solubility Advice	Information on product stability, especially in solution, has rarely been reported and in most cases we can only provide a general guideline. We recommend that once the stock solution has been prepared, it be stored in equal quantities in sealed vials and used within 1 month. Avoid repeated freezing and thawing cycles. Storage conditions for some special products should be referred to their storage details.

Purdue Bioscience Inc.

750 50th St, Brooklyn, NY 11220, USA

<https://www.purduebio.com>

1-877.618.7311

info@purduebio.com

v2 Revision on 12/28/2022