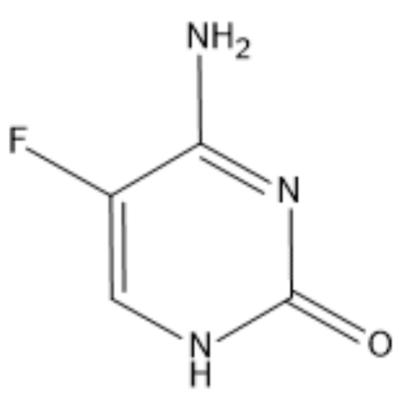


## Certificate of Analysis

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 <sub>4</sub> H <sub>4</sub> FN <sub>3</sub> O
Molecular Weight	129.094
Solubility	DMSO: 8 mg/mL (61.97 mM) H <sub>2</sub> 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.
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## 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.

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