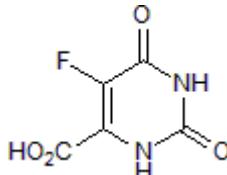


Certificate of Analysiswww.tocris.com**Product Name:** 5-Fluoroorotic acid**Catalog No.:** 5501**Batch No.:** 1

CAS Number: 703-95-7

EC Number: 211-876-0

IUPAC Name: 5-Fluoro-1,2,3,6-tetrahydro-2,6-dioxo-4-pyrimidinecarboxylic acid

1. PHYSICAL AND CHEMICAL PROPERTIES**Batch Molecular Formula:** C₅H₃FN₂O₄**Batch Molecular Weight:** 174.09**Physical Appearance:** White solid**Solubility:** 4M NH₄OH to 100 mM
DMSO to 100 mM**Storage:** Store at -20°C**Batch Molecular Structure:****2. ANALYTICAL DATA****HPLC:** Shows 99.7% purity

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

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Product Information

www.tocris.com**Product Name:** 5-Fluoroorotic acid

CAS Number: 703-95-7

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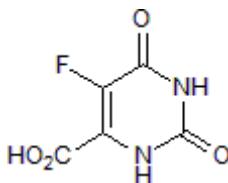
Batch No.: 1**Description:**

Reagent for selection of Orotidine-5'-phosphate decarboxylase mutants of *Saccharomyces cerevisiae*.

Physical and Chemical Properties:Batch Molecular Formula: C₅H₃FN₂O₄

Batch Molecular Weight: 174.09

Physical Appearance: White solid

Minimum Purity: >99%**Batch Molecular Structure:****Storage:** Store at -20°C**Solubility & Usage Info:**4M NH₄OH to 100 mM
DMSO to 100 mM**Stability and Solubility Advice:**

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. Our standard recommendations are:

SOLIDS: Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

SOLUTIONS: We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

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