

PRODUCT INFORMATION

5-Fluoroorotic Acid

(5-fluorouracil-6-carboxylic acid monohydrate; 5-FOA)

#_ —

Lot: —

Formula: $C_5H_3FN_2O_4 \times H_2O$

Molecular Weight: 192.1

Store at -20°C in the dark.

Description

5-FOA is widely used in yeast molecular genetics. 5-FOA is toxic to yeast cells with a functioning URA3 gene encoding orotidine-5'-monophosphate decarboxylase (OMP decarboxylase). 5-FOA is therefore especially useful for the selection and identification of mutant yeast strains. 5'-FOA's use in the yeast 2-hybrid system allows the construction of activation domain hybrid libraries to identify protein-protein interactions (1).

CERTIFICATE OF ANALYSIS

Purity of 98%.

Quality authorized by:

 Jurgita Zilinskiene

SAFETY INFORMATION



Xn Harmful

Risk phrases

R22 - Harmful if swallowed.

R36/37/38 - Irritating to eyes, respiratory system and skin.

Safety phrases

S23 - Do not breathe gas/fumes/vapour/spray.

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37 - Wear suitable protective clothing and gloves.

S60 - This material and its container must be disposed of as hazardous waste.



Warning

Hazard statements:

H302 - Harmful if swallowed.

H315 - Causes skin irritation.

H319 - Causes serious eye irritation.

H335 - May cause respiratory irritation.

Prevention:

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P321 Specific treatment (see on this label).

Storage:

P405 Store locked up.

Disposal:

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

PRODUCT USE LIMITATION

This product is developed, designed and sold exclusively *for research purposes and in vitro use only*. The product was not tested for use in diagnostics or for drug development, nor is it suitable for administration to humans or animals.

Please refer to www.thermoscientific.com/onebio for Material Safety Data Sheet of the product.

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