

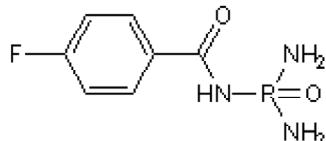
Certificate of Analysis

www.tocris.com**Product Name:** Flurofamide**Catalog No.:** 0478**Batch No.:** 2

CAS Number: 70788-28-2

IUPAC Name: *N*-(Diaminophosphinyl)-4-fluorobenzamide

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₇H₉FN₃O₂P**Batch Molecular Weight:** 217.14**Physical Appearance:** White solid**Solubility:** DMSO to 50 mM**Storage:** Store at RT**Batch Molecular Structure:**

2. ANALYTICAL DATA

¹H NMR: Consistent with structure**Mass Spectrum:** Consistent with structure

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

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Product Information

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CAS Number: 70788-28-2

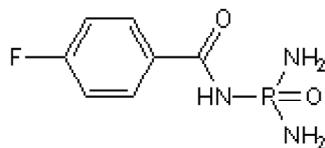
IUPAC Name: *N*-(Diaminophosphinyl)-4-fluorobenzamide**Description:**

Flurofamide is a urease inhibitor.

Physical and Chemical Properties:Batch Molecular Formula: C₇H₉FN₃O₂P

Batch Molecular Weight: 217.14

Physical Appearance: White solid

Batch Molecular Structure:**Storage:** Store at RT**Solubility & Usage Info:**

DMSO to 50 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. *Unless contradicted by product-specific protocols or instructions, our standard recommendations apply:

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.

References:

Millner *et al* (1982) Flurofamide: a potent inhibitor of bacterial urease with potential clinical utility in the treatment of infection induced urinary stones. *J.Urol.* **127** 346. PMID: 7038144.

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