

# **Certificate of Analysis**

Print Date: May 10th 2024

www.tocris.com

Product Name: PAG 3'-fluoro-4'-piperazine Catalog No.: 7994 Batch No.: 1

IUPAC Name: 3-[[3-Fluoro-4-(1-piperazinyl)phenyl]amino]-2,6-piperidinedione dihydrochloride

## 1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Weight: 379.26

Physical Appearance: Grey solid

Storage: Store at -20°C

**Batch Molecular Structure:** 

2HCI

#### 2. ANALYTICAL DATA

HPLC: Shows 97.9% purity

<sup>1</sup>H NMR: Consistent with structure

Mass Spectrum: Consistent with structure



## **Product Information**

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Catalog No.: 7994

IUPAC Name:

3-[[3-Fluoro-4-(1-piperazinyl)phenyl]amino]-2,6-piperidinedione dihydrochloride

## **Description:**

Phenyl amino glutarimide (PAG) 3'-fluoro-4'-piperazine is a functionalized cereblon ligand for PROTAC® research and development; incorporates an E3 ligase ligand with a terminal piperazine for onward chemistry to generate Protein Degraders with rigid linkers. Part of a range of functionalized tool molecules for PROTAC® Degrader R&D. Please contact us for SD files of our available Degrader Building Blocks.PROTAC® is a registered trademark of Arvinas Operations, Inc., and is used under license. Please see product specific page on www.tocris.com for full description.

### **Physical and Chemical Properties:**

Batch Molecular Weight: 379.26 Physical Appearance: Grey solid

**Minimum Purity:** ≥95%

#### **Batch Molecular Structure:**

° THO SHE

2HCI

Storage: Store at -20°C

#### 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.