

Product Name: PAG 4'-piperazine-4-methylpiperidine

Catalog No.: 7999

Batch No.: 1

CAS Number: 3055107-65-5

IUPAC Name: 3-[[4-[4-(Piperidin-4-ylmethyl)piperazin-1-yl]phenyl]amino]piperidine-2,6-dione trihydrochloride

## 1. PHYSICAL AND CHEMICAL PROPERTIES

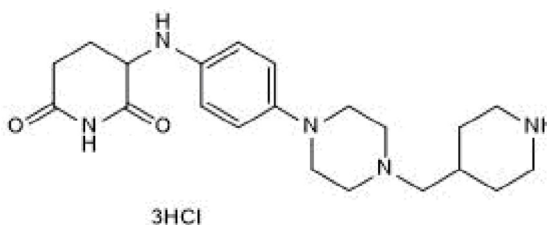
Batch Molecular Formula: C<sub>21</sub>H<sub>31</sub>N<sub>5</sub>O<sub>2</sub>·3HCl

Batch Molecular Weight: 494.89

Physical Appearance: Green solid

Storage: Store at -20°C

Batch Molecular Structure:



## 2. ANALYTICAL DATA

HPLC: Shows 96.5% purity

<sup>1</sup>H 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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CAS Number:	3055107-65-5			
IUPAC Name:	3-[[4-[4-(Piperidin-4-ylmethyl)piperazin-1-yl]phenyl]amino]piperidine-2,6-dione trihydrochloride			

**Description:**

Phenyl amino glutarimide (PAG) 4'-piperazine-4-methylpiperidine is a functionalized cereblon ligand for PROTAC® research and development. Incorporates an E3 ligase ligand with a terminal piperidine for onward chemistry to generate Protein Degraders with rigid linkers. Part of a range of functionalized tool molecules for PROTAC R&D. Please contact us for SD files of our available Degradar 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:**

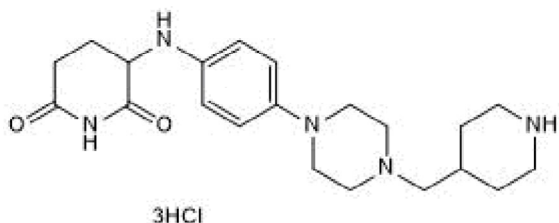
Batch Molecular Formula: C<sub>21</sub>H<sub>31</sub>N<sub>5</sub>O<sub>2</sub>·3HCl

Batch Molecular Weight: 494.89

Physical Appearance: Green solid

**Minimum Purity:** ≥95%

**Batch Molecular Structure:**



**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.

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