

**Product Name:** A 410099.1, amine

**Catalog No.:** 6471

**Batch No.:** 4

CAS Number: 2374122-37-7

IUPAC Name: *tert*-Butyl [(*S*)-1-[[[*S*)-2-[[*(2S,4S)*-4-amino-2-[[*(R)*-1,2,3,4-tetrahydronaphthalen-1-yl]carbamoyl]pyrrolidin-1-yl]-1-cyclohexyl-2-oxoethyl]amino]-1-oxopropan-2-yl](methyl)carbamate hydrochloride

## 1. PHYSICAL AND CHEMICAL PROPERTIES

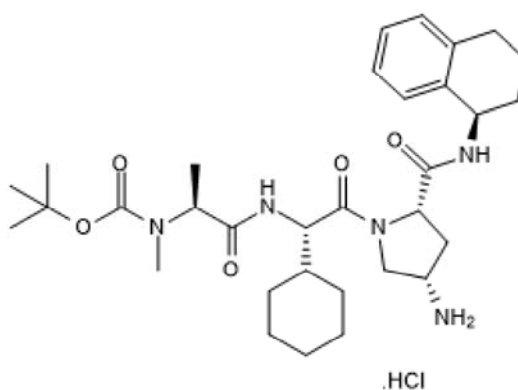
**Batch Molecular Formula:** C<sub>32</sub>H<sub>49</sub>N<sub>5</sub>O<sub>5</sub>.HCl.1¼H<sub>2</sub>O

**Batch Molecular Weight:** 642.74

**Physical Appearance:** White solid

**Storage:** Store at -20°C

**Batch Molecular Structure:**



## 2. ANALYTICAL DATA

**HPLC:** Shows 99.4% purity

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

**Mass Spectrum:** Consistent with structure

**Microanalysis:**

	Carbon	Hydrogen	Nitrogen
Theoretical	59.8	8.23	10.9
Found	59.64	8.21	10.88

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

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**Description:**

A 410099.1, amine is a functionalized IAP ligand for PROTAC<sup>®</sup> research and development. Boc protected A 410099.1 (Cat.No. 6470). Supplied with an amine functional handle for ready conjugation to a linker/target protein ligand. Part of a range of functionalized tool molecules for PROTAC R&D. PROTAC<sup>®</sup> is a registered trademark of Arvinas Operations, Inc., and is used under license.

**Physical and Chemical Properties:**

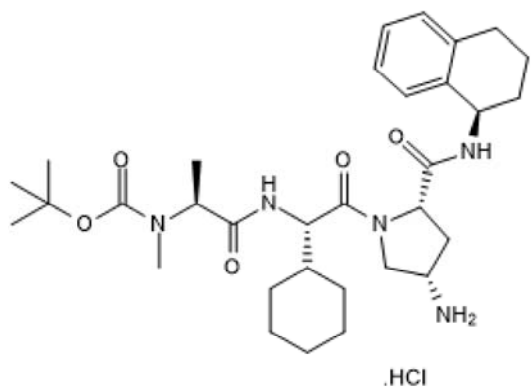
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Batch Molecular Weight: 642.74

Physical Appearance: White solid

**Minimum Purity:** ≥98%

**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. 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.

**References:**

**Tinworth *et al*** (2019) PROTAC-mediated degradation of Bruton's tyrosine kinase is inhibited by covalent binding. *ACS Chem.Biol.* **14** 342. PMID: 30807093.

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