

Product Name: A 410099.1 amide-alkylC4-amine

Catalog No.: 6474

Batch No.: 1

CAS Number: 2415256-18-5

IUPAC Name: *tert*-Butyl [(*S*)-1-[[(*S*)-2-[(2*S*,4*S*)-4-(5-Aminopentanamido)-2-[[(*R*)-1,2,3,4-tetrahydronaphthalen-1-yl]carbamoyl]pyrrolidin-1-yl]-1-cyclohexyl-2-oxoethyl]amino]-1-oxopropan-2-yl](methyl)carbamate

Description:

A 410099.1 amide-alkylC4-amine is a functionalized IAP ligand for PROTAC[®] research and development; incorporates an IAP ligand plus an amide-alkylC4 linker with terminal amine ready for conjugation to a target protein ligand. Part of a range of functionalized tool molecules for PROTAC R&D. PROTAC[®] is a registered trademark of Arvinas Operations, Inc., and is used under license.

Physical and Chemical Properties:

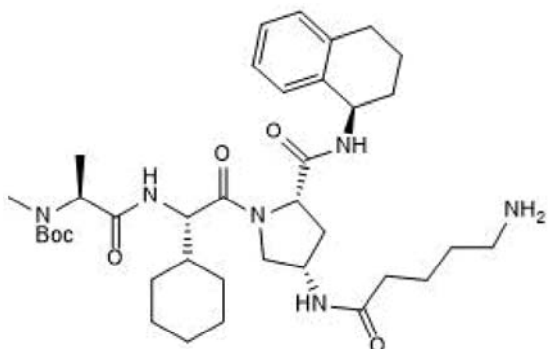
Batch Molecular Formula: C₃₇H₅₈N₆O₆·¾H₂O

Batch Molecular Weight: 696.4

Physical Appearance: White solid

Minimum Purity: ≥95%

Batch Molecular Structure:



Storage: Store at -20°C

Solubility & Usage Info:

This compound is hygroscopic and may absorb atmospheric moisture during prolonged storage, causing the solid to become sticky and/or collapse into a gel or glass-like form. Although purity is unaffected, it may be difficult to extract the full quantity from the vial. In such a situation, we recommend that solutions are made by adding solvent directly to the vial. The vial should then be vortexed vigorously to ensure the product has completely dissolved.

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.

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

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