

Product Name: Pomalidomide 4'-alkylC5-acid

Catalog No.: 6682

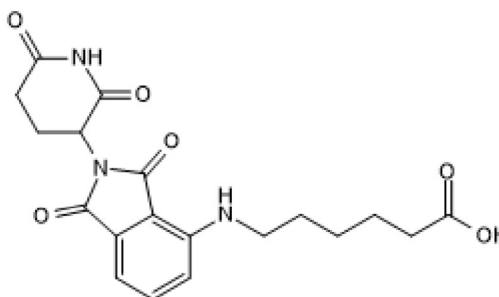
Batch No.: 3

CAS Number: 2225940-49-6

IUPAC Name: 6-[[2-(2,6-Dioxo-3-piperidiny)-2,3-dihydro-1,3-dioxo-1*H*-isoindol-4-yl]amino]hexanoic acid

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₁₉H₂₁N₃O₆.
Batch Molecular Weight: 387.39
Physical Appearance: Yellow solid
Storage: Store at -20°C
Batch Molecular Structure:



2. ANALYTICAL DATA

HPLC: Shows 99.2% purity
¹H NMR: Consistent with structure
Mass Spectrum: Consistent with structure

Microanalysis:

	Carbon	Hydrogen	Nitrogen
Theoretical	58.91	5.46	10.85
Found	58.63	5.4	10.94

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

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Description:

Pomalidomide 4'-alkylC5-acid is a functionalized cereblon ligand for PROTAC[®] research and development; incorporates an E3 ligase ligand plus an alkylC5 linker with terminal carboxylic acid ready for conjugation to a target protein ligand. Part of a range of functionalized tool molecules for PROTAC R&D. This product has been recently renamed. The previous name for this product was Pomalidomide - linker 3 Please contact us for SD files of our available Degradator 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:

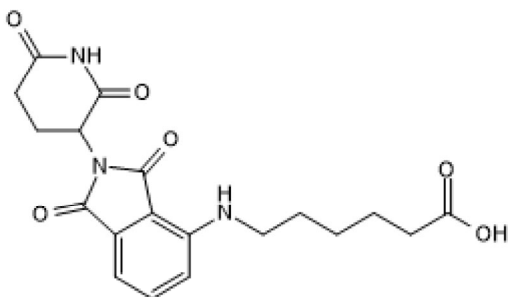
Batch Molecular Formula: C₁₉H₂₁N₃O₆.

Batch Molecular Weight: 387.39

Physical Appearance: Yellow solid

Minimum Purity: ≥95%

Batch Molecular Structure:



References:

Remillard *et al* (2017) Degradation of the BAF complex factor BRD9 by heterobifunctional ligands. *Angew.Chem.Int.Ed.Engl.* **56** 5738. PMID: 28418626.

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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