

Product Name: TBK1 control PROTAC[®] 4

Catalog No.: 7260

Batch No.: 1

CAS Number: 2052306-31-5

IUPAC Name: (2*S*,4*S*)-1-((*S*)-18-(4-((5-Bromo-4-((3-(*N*-methylcyclobutanecarboxamido)propyl)amino)pyrimidin-2-yl)amino)phenoxy)-2-(*tert*-butyl)-4-oxo-6,10,15-trioxa-3-azaoctadecanoyl)-4-hydroxy-*N*-(4-(4-methylthiazol-5-yl)benzyl)pyrrolidine-2-carboxamide

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₅₃H₇₄BrN₉O₉S.½H₂O

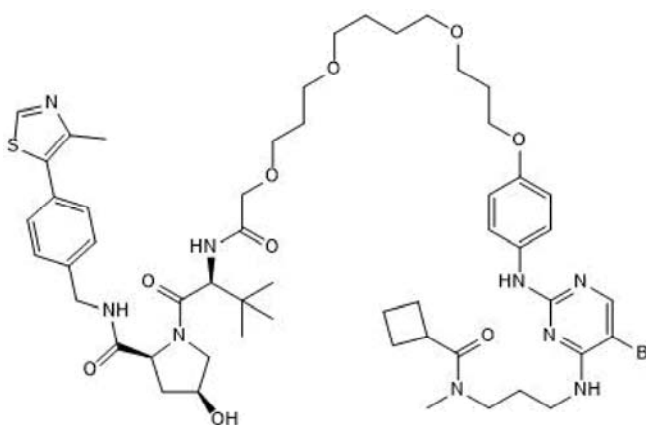
Batch Molecular Weight: 1102.2

Physical Appearance: White solid

Solubility: DMSO to 100 mM

Storage: Store at -20°C

Batch Molecular Structure:



2. ANALYTICAL DATA

HPLC: Shows 99.1% purity

¹H NMR: Consistent with structure

Mass Spectrum: Consistent with structure

Microanalysis:

	Carbon	Hydrogen	Nitrogen
Theoretical	57.76	6.86	11.44
Found	57.54	6.83	11.87

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

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Description:

Negative control for TBK1 PROTAC[®] 3i (Cat. No. 7259). Binds TBK1 with high affinity, but exhibits no significant degradation of TBK1. PROTAC[®] is a registered trademark of Arvinas Operations, Inc., and is used under license.

Physical and Chemical Properties:

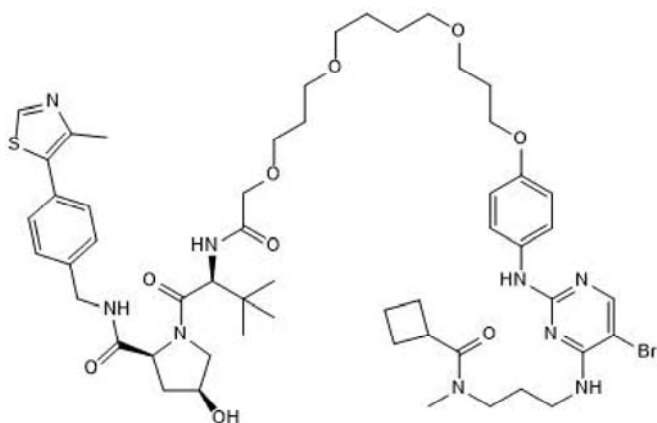
Batch Molecular Formula: C₅₃H₇₄BrN₉O₉S.½H₂O

Batch Molecular Weight: 1102.2

Physical Appearance: White solid

Minimum Purity: ≥98%

Batch Molecular Structure:



Storage: Store at -20°C

Solubility & Usage Info:

DMSO to 100 mM

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:

Crew et al (2018) Identification and characterization of Von Hippel-Lindau-recruiting proteolysis targeting chimeras (PROTACs) of TANK-binding kinase 1. *J.Med.Chem.* **61** 583. PMID: 28692295.

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