

Product Name: BromoTag® cis-AGB1

Catalog No.: 7687

Batch No.: 1

CAS Number: 2776190-80-6

IUPAC Name: (S)-13-((2S,4S)-4-Hydroxy-2-((4-(4-methylthiazol-5-yl)benzyl)carbamoyl)pyrrolidine-1-carbonyl)-14,14-dimethyl-11-oxo-3,6,9-trioxa-12-azapentadecyl (R)-2-((S)-4-(4-chlorophenyl)-2,3,9-trimethyl-6H-thieno[3,2-f][1,2,4]triazolo[4,3-a][1,4]diazepin-6-yl)butanoate

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₅₁H₆₃ClN₈O₉S₂·1¼H₂O

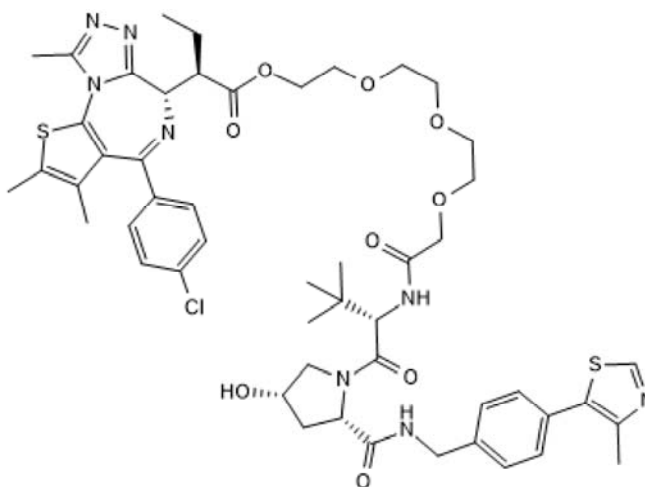
Batch Molecular Weight: 1063.2

Physical Appearance: White solid

Solubility: DMSO to 100 mM

Storage: Store at -20°C

Batch Molecular Structure:



2. ANALYTICAL DATA

HPLC: Shows 100.0% purity

¹H NMR: Consistent with structure

Mass Spectrum: Consistent with structure

Microanalysis:

	Carbon	Hydrogen	Nitrogen
Theoretical	57.61	6.3	10.54
Found	57.32	5.95	10.58

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

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Description:

BromoTag® cis-AGB1 is a negative control for BromoTag AGB1 (Cat. No. 7686). Exhibits no significant VHL binding affinity. BromoTag® is a registered trademark of the University of Dundee and is used under license

Physical and Chemical Properties:

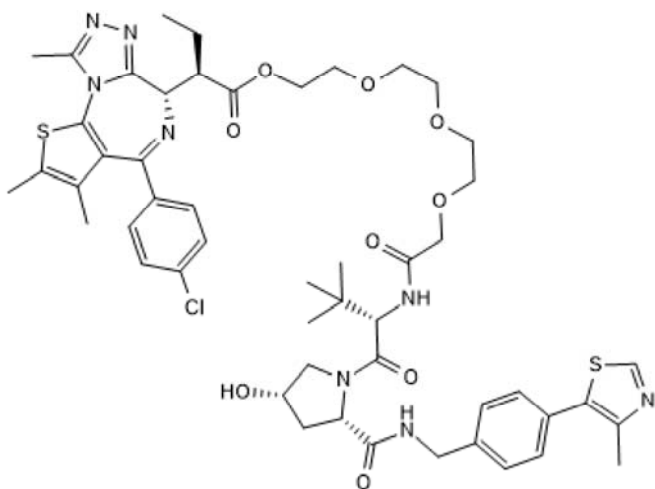
Batch Molecular Formula: C₅₁H₆₃ClN₈O₉S₂·1¾H₂O

Batch Molecular Weight: 1063.2

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.

Licensing Information:

Sold under exclusive licence from the University of Dundee

References:

Bond et al (2021) Development of BromoTag: a "Bump-and-Hole"-PROTAC system to induce potent, rapid, and selective degradation of tagged target proteins. *J.Med.Chem.* **64** 15477. PMID: 34652918.

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