

**Product Name:** cis MZ 1

**Catalog No.:** 6155

**Batch No.:** 2

CAS Number: 1797406-72-4

IUPAC Name: (2*S*,4*S*)-1-((*S*)-2-(*tert*-butyl)-17-((*S*)-4-(4-chlorophenyl)-2,3,9-trimethyl-6*H*-thieno[3,2-*f*][1,2,4]triazolo[4,3-*a*][1,4]diazepin-6-yl)-4,16-dioxo-6,9,12-trioxa-3,15-diazaheptadecanoyl)-4-hydroxy-*N*-(4-(4-methylthiazol-5-yl)benzyl)pyrrolidine-2-carboxamide

## 1. PHYSICAL AND CHEMICAL PROPERTIES

**Batch Molecular Formula:** C<sub>49</sub>H<sub>60</sub>ClN<sub>9</sub>O<sub>8</sub>S<sub>2</sub>·1½H<sub>2</sub>O

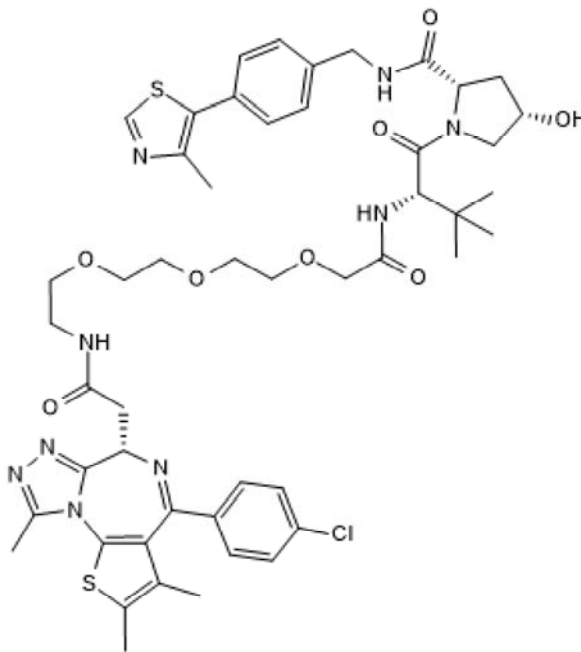
**Batch Molecular Weight:** 1025.16

**Physical Appearance:** White solid

**Solubility:** DMSO to 100 mM  
ethanol to 100 mM

**Storage:** Store at -20°C

**Batch Molecular Structure:**



## 2. ANALYTICAL DATA

**HPLC:** Shows 99.8% purity

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

**Mass Spectrum:** Consistent with structure

**Microanalysis:**

	Carbon	Hydrogen	Nitrogen
Theoretical	57.41	6.14	12.3
Found	57.21	6	12

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

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**Description:**

Negative Control for MZ1 (Cat.No. 6154). Exhibits no significant VHL binding affinity.

**Physical and Chemical Properties:**

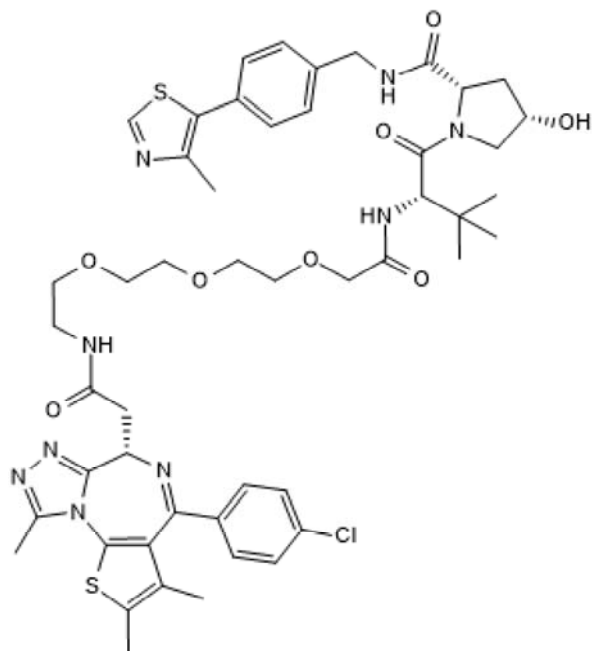
Batch Molecular Formula: C<sub>49</sub>H<sub>60</sub>ClN<sub>9</sub>O<sub>8</sub>S<sub>2</sub>·1¼H<sub>2</sub>O

Batch Molecular Weight: 1025.16

Physical Appearance: White solid

**Minimum Purity:** >98%

**Batch Molecular Structure:**



**Storage:** Store at -20°C

**Solubility & Usage Info:**

DMSO to 100 mM

ethanol 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 licence from the University of Dundee

**References:**

Zengerle *et al* (2015) Selective small molecule induced degradation of the BET bromodomain protein BRD4. ACS.Chem.Biol. **10** 1770. PMID: 26035625.

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