

Product Name: BSJ-Bump

Catalog No.: 6922

Batch No.: 1

CAS Number: 2409918-48-3

IUPAC Name: *N*-(2-(2-(2-(2-(4-(6-((6-Acetyl-8-cyclopentyl-5-methyl-7-oxo-7,8-dihydropyrido[2,3-*d*]pyrimidin-2-yl)amino)pyridin-3-yl)piperazin-1-yl)ethoxy)ethoxy)ethoxy)ethyl)-2-((2-(1-methyl-2,6-dioxopiperidin-3-yl)-1,3-dioxoisindolin-4-yl)oxy)acetamide

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₄₈H₅₈N₁₀O₁₁·2½H₂O

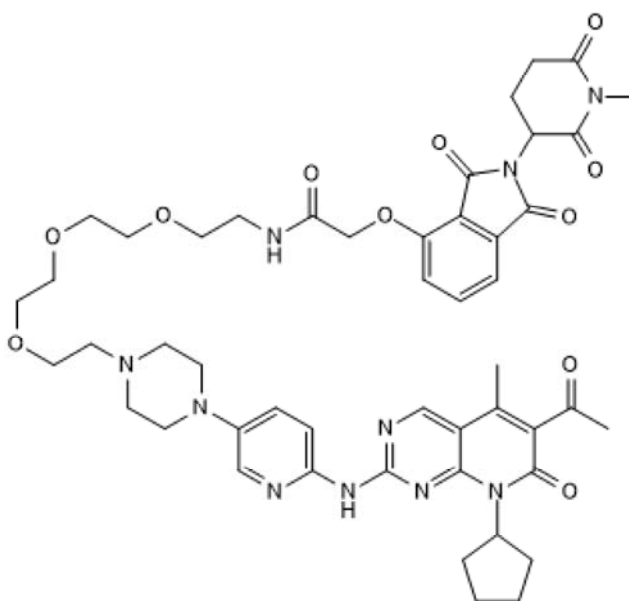
Batch Molecular Weight: 996.09

Physical Appearance: Yellow solid

Solubility: DMSO to 100 mM

Storage: Store at -20°C

Batch Molecular Structure:



2. ANALYTICAL DATA

TLC: R_f = 0.53 (Dichloromethane:Methanol [9:1])

HPLC: Shows 98% purity

¹H NMR: Consistent with structure

Mass Spectrum: Consistent with structure

Microanalysis:

	Carbon	Hydrogen	Nitrogen
Theoretical	57.88	6.37	14.06
Found	57.62	6.33	14.24

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

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Description:

BSJ-Bump is a negative control for BSJ-03-123 (Cat. No. 6921). Displays binding and no degradation of Cdk6 in vitro.

Physical and Chemical Properties:

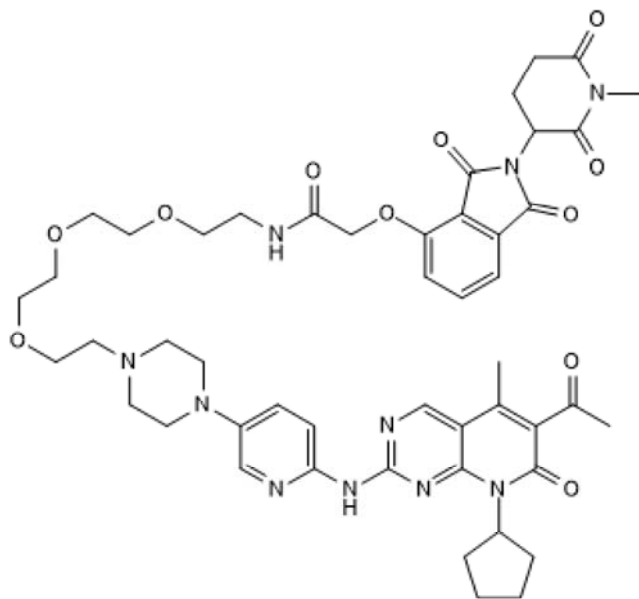
Batch Molecular Formula: C₄₈H₅₈N₁₀O₁₁.2½H₂O

Batch Molecular Weight: 996.09

Physical Appearance: Yellow 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 license from Dana-Farber Cancer Institute

References:

Brand et al (2019) Homolog-selective degradation as a strategy to probe the function of CDK6 in AML. *Cell Chem.Biol.* **26** 300. PMID: 30595531.

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