Certificate of Analysis

Product Name: **SJFδ** **Catalog No.: 7267** **Batch No.: 1**

CAS Number: 2254609-23-7

IUPAC Name: *N*-(3-Fluoro-4-((7-(2-(2-(2-(2-(((2*S*,4*R*)-4-hydroxy-1-((*S*)-3-methyl-2-(1-oxoisoindolin-2-yl)butanoyl)pyrrolidine-2-carboxamido)methyl)-5-(4-methylthiazol-5-yl)phenoxy)ethoxy)ethoxy)ethoxy)-6-methoxyquinolin-4-yl)oxy)phenyl)-*N*-(4-fluorophenyl)cyclopropane-1,1-dicarboxamide

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: $C_{62}H_{63}F_2N_7O_{12}S.1½H_2O$

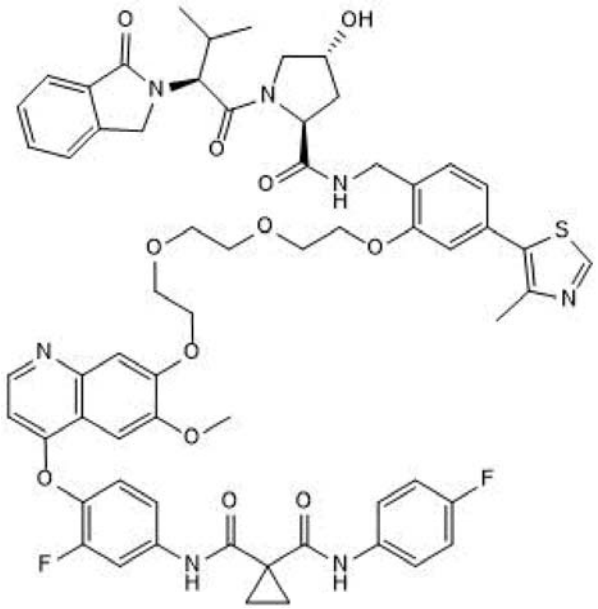
Batch Molecular Weight: 1195.3

Physical Appearance: Off White solid

Solubility: DMSO to 50 mM

Storage: Store at -20°C

Batch Molecular Structure:



2. ANALYTICAL DATA

HPLC: Shows 98.6% purity

^{1}H NMR: Consistent with structure

Mass Spectrum: Consistent with structure

Microanalysis:

	Carbon	Hydrogen	Nitrogen
Theoretical	62.3	5.57	8.2
Found	61.89	5.2	8.02

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Description:

Potent and selective PROTAC ® Degrader of p38δ (DC_{50} = 46.17 nM; D_{max} = 99.41%). SJFδ comprises the multikinase inhibitor foretinib joined by a linker to a VHL ligand. Exhibits no significant degradation of p38α, β or γ. Selectively degrades p38δ in MDA-MB-231 cells. PROTAC® is a registered trademark of Arvinas Operations, Inc., and is used under license.

Physical and Chemical Properties:

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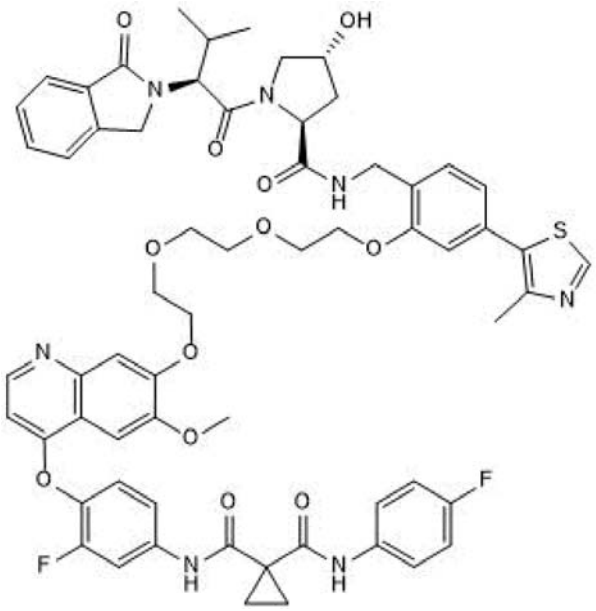
Minimum Purity: ≥98%

Batch Molecular Structure:



Storage: Store at -20°C

Solubility & Usage Info:

DMSO to 50 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:

Smith *et al* (2019) Differential PROTAC substrate specificity dictated by orientation of recruited E3 ligase. Nat.Commun. ***10*** 131. PMID: 30631068.