

Product Name: CG 428-Neg

Catalog No.: 7426

Batch No.: 1

CAS Number: 2714560-39-9

IUPAC Name: 2-(1-Methyl-2,6-dioxo-3-piperidiny)-4-[[2-[3-[4-[6-[6-[(2*R*)-2-(3-fluorophenyl)-1-pyrrolidinyl]imidazo[1,2-*b*]pyridazin-3-yl]-2-pyridinyl]-1-piperazinyl]-3-oxopropoxy]ethyl]amino]-1*H*-isoindole-1,3(2*H*)-dione

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₄₄H₄₅FN₁₀O₆ · ¼H₂O

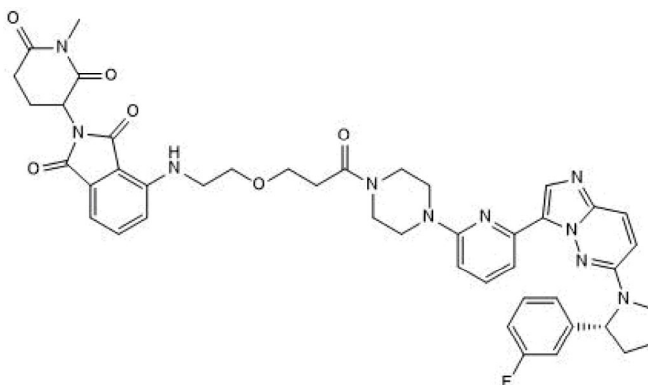
Batch Molecular Weight: 833.41

Physical Appearance: Yellow solid

Solubility: DMSO to 100 mM

Storage: Store at -20°C

Batch Molecular Structure:



2. ANALYTICAL DATA

HPLC: Shows 97.6% purity

Chiral HPLC: Shows 100.0% purity

¹H NMR: Consistent with structure

Mass Spectrum: Consistent with structure

Microanalysis:

	Carbon	Hydrogen	Nitrogen
Theoretical	63.41	5.5	16.81
Found	63.53	5.92	16.74

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Description:

Negative control for CG 428 (Cat. No. 7425).

Physical and Chemical Properties:

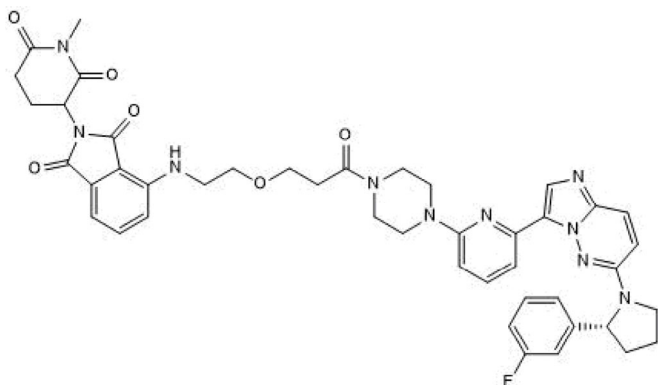
Batch Molecular Formula: C₄₄H₄₅FN₁₀O₆· $\frac{1}{4}$ H₂O

Batch Molecular Weight: 833.41

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. *Unless contradicted by product-specific protocols or instructions, our standard recommendations apply:

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 Cullgen

References:

Chen *et al* (2020) Discovery of first-in-class potent and selective tropomyosin receptor kinase degraders. *J.Med.Chem.* **63** 14562. PMID: 33058680.

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