

Certificate of Analysis

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Product Name: aTAG 2139-NEG

Catalog No.: 7575

Batch No.: 1

CAS Number: 2758431-99-9

IUPAC Name: 6-(6-((4-(2-((2-(1-Methyl-2,6-dioxopiperidin-3-yl)-1,3-dioxoisindolin-4-yl)oxy)acetamido)butyl)carbamoyl)pyridin-3-yl)-N-methyl-4-(phenylamino)quinoline-3-carboxamide

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₄₃H₄₀N₈O₈ · 1¼H₂O

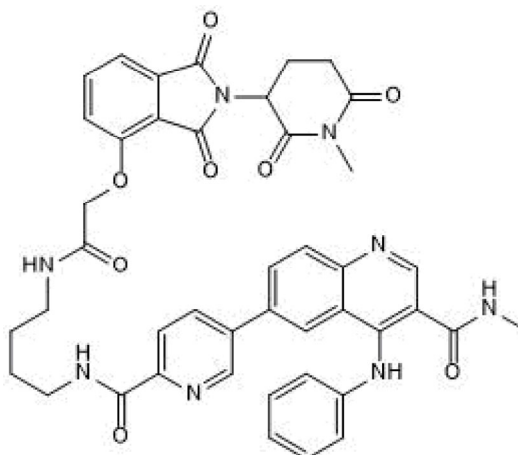
Batch Molecular Weight: 819.36

Physical Appearance: Pale yellow solid

Solubility: DMSO to 100 mM

Storage: Store at -20°C

Batch Molecular Structure:



2. ANALYTICAL DATA

HPLC: Shows 98.9% purity

¹H NMR: Consistent with structure

Mass Spectrum: Consistent with structure

Microanalysis:

	Carbon	Hydrogen	Nitrogen
Theoretical	63.03	5.23	13.68
Found	62.62	5.12	13.54

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

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Description:

aTAG 2139-NEG is the negative control for aTAG 2139 (Cat. No. 6970). For more information on how to use aTAG 2139-NEG, please see our protocol.

Physical and Chemical Properties:

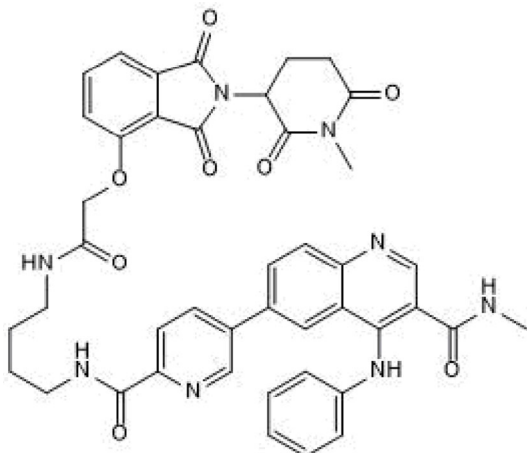
Batch Molecular Formula: C₄₃H₄₀N₈O₈·1¼H₂O

Batch Molecular Weight: 819.36

Physical Appearance: Pale 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.

References:

Veits *et al* (2021) Development of an AchillesTAG degradation system and its application to control CAR-T activity. *Curr.Res.Chem.Biol.* **1** 100010.

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