

Product Name: dTAG-13-NEG

Catalog No.: 6916

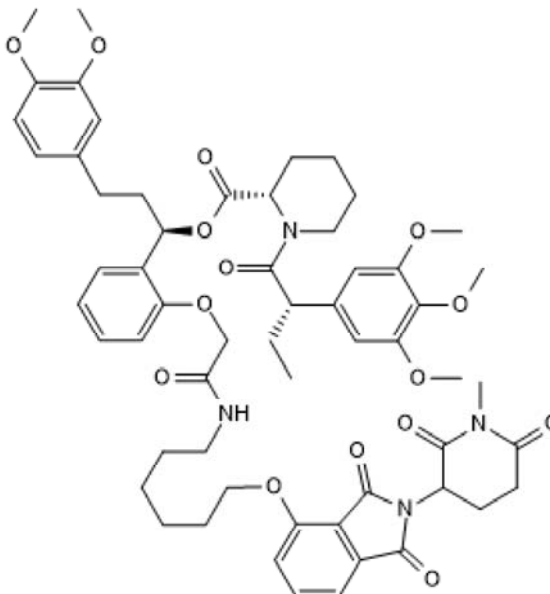
Batch No.: 2

CAS Number: 2451573-90-1

IUPAC Name: 1-[(2S)-1-Oxo-2-(3,4,5-trimethoxyphenyl)butyl]-(2S)-2-piperidinecarboxylate (1R)-3-(3,4-dimethoxyphenyl)-1-[2-[2-[[6-[[2-(1-methyl-2,6-dioxo-3-piperidiny)-2,3-dihydro-1,3-dioxo-1H-isoindol-4-yl]oxy]hexyl]amino]-2-oxoethoxy]phenyl]propyl ester

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula:	C ₅₈ H ₇₀ N ₄ O ₁₅
Batch Molecular Weight:	1063.19
Physical Appearance:	White solid
Solubility:	DMSO to 100 mM ethanol to 20 mM
Storage:	Store at -20°C
Batch Molecular Structure:	



2. ANALYTICAL DATA

HPLC:	Shows 97.5% purity
¹H NMR:	Consistent with structure
Mass Spectrum:	Consistent with structure
Microanalysis:	

	Carbon	Hydrogen	Nitrogen
Theoretical	65.52	6.64	5.27
Found	64.97	6.62	5.22

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Description:

dTAG-13-NEG is a negative control for dTAG-13 (Cat. No. 6605).

Physical and Chemical Properties:

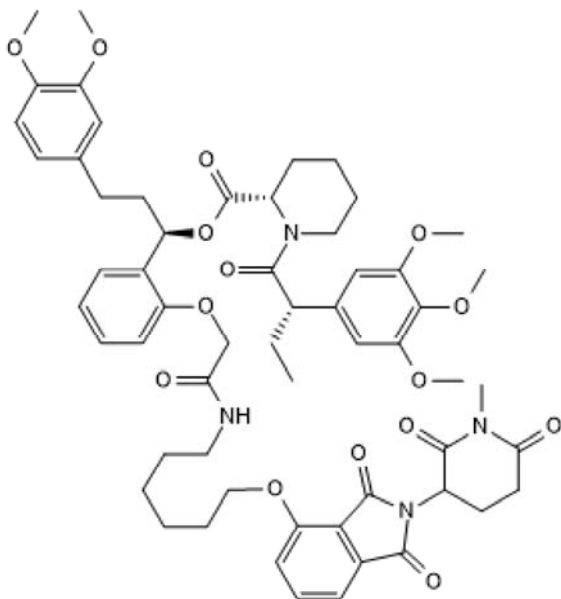
Batch Molecular Formula: C₅₈H₇₀N₄O₁₅

Batch Molecular Weight: 1063.19

Physical Appearance: White solid

Minimum Purity: ≥97%

Batch Molecular Structure:



Storage: Store at -20°C

Solubility & Usage Info:

DMSO to 100 mM

ethanol to 20 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:

Nabet et al (2020) Rapid and direct control of target protein levels with VHL-recruiting dTAG molecules. *Nat. Commun.* **11** 4687. PMID: 32948771.

Nabet et al (2018) The dTAG system for immediate and target-specific protein degradation. *Nat. Chem. Biol.* **13** 431. PMID: 29581585.

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