

**Product Name:** dTAG-47-NEG

**Catalog No.:** 7531

**Batch No.:** 1

**IUPAC Name:** (1*R*)-3-(3,4-Dimethoxyphenyl)-1-(2-(2-((8-((1,3-dioxo-2-(2-oxopiperidin-3-yl)isoindolin-5-yl)amino)octyl)amino)-2-oxoethoxy)phenyl)propyl (2*S*)-1-((*S*)-2-(3,4,5-trimethoxyphenyl)butanoyl)piperidine-2-carboxylate

## 1. PHYSICAL AND CHEMICAL PROPERTIES

**Batch Molecular Formula:** C<sub>59</sub>H<sub>75</sub>N<sub>5</sub>O<sub>13</sub>·½H<sub>2</sub>O

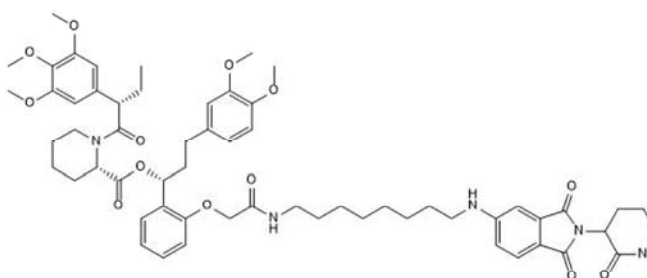
**Batch Molecular Weight:** 1071.28

**Physical Appearance:** Yellow solid

**Solubility:** DMSO to 100 mM

**Storage:** Store at -20°C

**Batch Molecular Structure:**



## 2. ANALYTICAL DATA

**HPLC:** Shows 97.8% purity

**<sup>1</sup>H NMR:** Consistent with structure

**Mass Spectrum:** Consistent with structure

**Microanalysis:**

|             | Carbon | Hydrogen | Nitrogen |
|-------------|--------|----------|----------|
| Theoretical | 66.15  | 7.15     | 6.54     |
| Found       | 65.97  | 7.12     | 6.43     |

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

**bio-techne.com**

info@bio-techne.com

techsupport@bio-techne.com

**North America**

Tel: (800) 343 7475

**China**

info.cn@bio-techne.com

Tel: +86 (21) 52380373

**Europe Middle East Africa**

Tel: +44 (0)1235 529449

**Rest of World**

www.tocris.com/distributors

Tel: +1 612 379 2956

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**Description:**

dTAG-47-NEG is a negative control for dTAG-47 (Cat. No. 7530).

**Physical and Chemical Properties:**

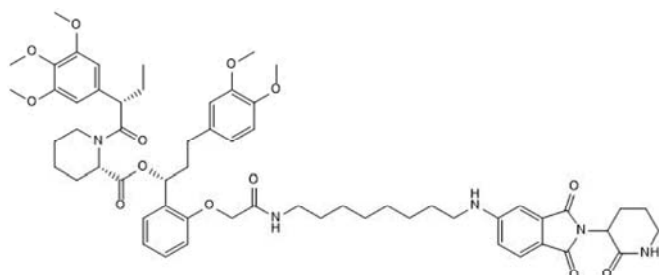
Batch Molecular Formula: C<sub>59</sub>H<sub>75</sub>N<sub>5</sub>O<sub>13</sub>·½H<sub>2</sub>O

Batch Molecular Weight: 1071.28

Physical Appearance: Yellow solid

**Minimum Purity:** ≥97%

**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:**

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

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