

**Product Name:** Ortho AP 1867

**Catalog No.:** 7787

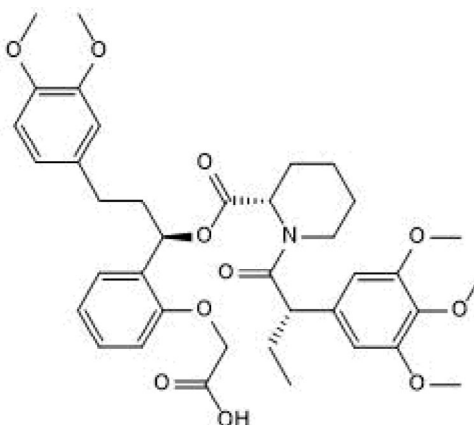
**Batch No.:** 1

CAS Number: 2230613-03-1

IUPAC Name: 2-(2-((*R*)-3-(3,4-Dimethoxyphenyl)-1-(((*S*)-1-((*S*)-2-(3,4,5-trimethoxyphenyl)butanoyl)piperidine-2-carbonyl)oxy)propyl)phenoxy)acetic acid

## 1. PHYSICAL AND CHEMICAL PROPERTIES

**Batch Molecular Formula:** C<sub>38</sub>H<sub>47</sub>NO<sub>11</sub>.  
**Batch Molecular Weight:** 693.79  
**Physical Appearance:** White solid  
**Solubility:** DMSO to 100 mM  
**Storage:** Store at -20°C  
**Batch Molecular Structure:**



## 2. ANALYTICAL DATA

**HPLC:** Shows 98.7% purity  
**<sup>1</sup>H NMR:** Consistent with structure  
**Mass Spectrum:** Consistent with structure

**Microanalysis:**

	Carbon	Hydrogen	Nitrogen
Theoretical	65.79	6.83	2.02
Found	65.2	6.96	2.03

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**Description:**

Ortho AP 1867 is a selective binding ligand for the single point mutant of FKBP12<sup>F36V</sup>. Functionalized with a carboxylic acid group in the ortho-position to enable onward chemistry. The position of the carboxylic acid group represents an 'exit vector' allowing modification without interfering with compound binding ability. Ortho AP 1867 is a precursor for the dTAG compounds.

**Physical and Chemical Properties:**

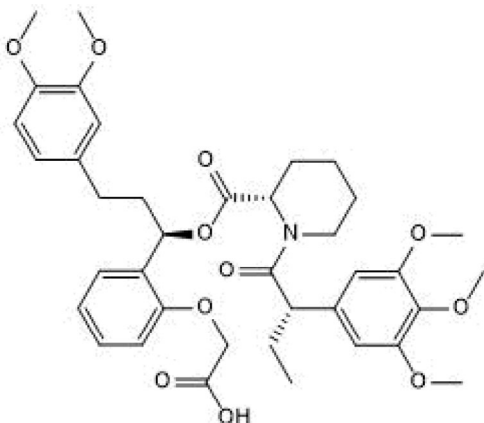
Batch Molecular Formula: C<sub>38</sub>H<sub>47</sub>NO<sub>11</sub>.

Batch Molecular Weight: 693.79

Physical Appearance: White 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:**

**Nabet et al** (2018) The dTAG system for immediate and target-specific protein degradation. *Nat.Chem.Biol.* **14** 431. PMID: 29581585.

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