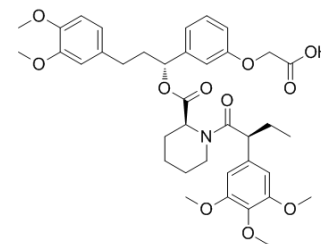


## AP1867

Cat. No.:	HY-114434
CAS No.:	195514-23-9
Molecular Formula:	C <sub>38</sub> H <sub>47</sub> NO <sub>11</sub>
Molecular Weight:	693.78
Target:	FKBP
Pathway:	Apoptosis; Autophagy; Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the COA.



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : ≥ 125 mg/mL (180.17 mM)  
 H<sub>2</sub>O : < 0.1 mg/mL (insoluble)  
 \* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	1.4414 mL	7.2069 mL	14.4138 mL
	5 mM	0.2883 mL	1.4414 mL	2.8828 mL
	10 mM	0.1441 mL	0.7207 mL	1.4414 mL

Please refer to the solubility information to select the appropriate solvent.

#### In Vivo

- Add each solvent one by one: **10% DMSO >> 90% corn oil**  
 Solubility: ≥ 2.08 mg/mL (3.00 mM); Clear solution
- Add each solvent one by one: **10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline**  
 Solubility: ≥ 2.08 mg/mL (3.00 mM); Clear solution

### BIOLOGICAL ACTIVITY

Description	AP1867 is a synthetic FKBP12 <sup>F36V</sup> -directed ligand.
IC <sub>50</sub> & Target	FKBP <sup>[1]</sup>

### REFERENCES

[1]. Nabet B, et al. The dTAG system for immediate and target-specific protein degradation. Nat Chem Biol. 2018 May;14(5):431-441.

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**Caution: Product has not been fully validated for medical applications. For research use only.**

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