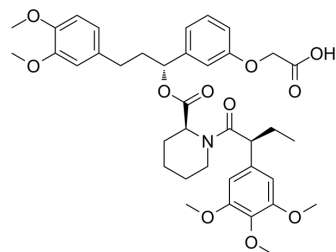


AP1867

Cat. No.:	HY-114434
CAS No.:	195514-23-9
Molecular Formula:	C ₃₈ H ₄₇ NO ₁₁
Molecular Weight:	693.78
Target:	FKBP
Pathway:	Apoptosis; Autophagy; Immunology/Inflammation
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 125 mg/mL (180.17 mM)

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

BIOLOGICAL ACTIVITY

Description

AP1867 is a synthetic FKBP12^{F36V}-directed ligand.

IC₅₀ & Target

FKBP^[1]

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.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA