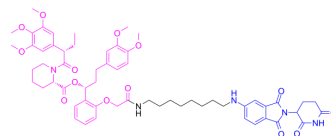


dTAG-47

Cat. No.:	HY-147098
CAS No.:	2265886-81-3
Molecular Formula:	C ₅₉ H ₇₃ N ₅ O ₁₄
Molecular Weight:	1076.24
Target:	PROTACs; FKBP
Pathway:	PROTAC; Apoptosis; Autophagy; Immunology/Inflammation
Storage:	-20°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (92.92 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		0.9292 mL	4.6458 mL	9.2916 mL
	5 mM		0.1858 mL	0.9292 mL	1.8583 mL
	10 mM		0.0929 mL	0.4646 mL	0.9292 mL

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

BIOLOGICAL ACTIVITY

Description

dTAG-47, heterobifunctional dTAG molecule, targets mutant FKBP12 (FKBP12^{F36V}). FKBP12^{F36V} serves as a degradation tag (dTAG) and is fused to a protein of interest. dTAG-47 can be used for the research of basal-like breast cancers (BBC)^[1].

REFERENCES

[1]. Hai-Tsang Huang, et al. MELK is not necessary for the proliferation of basal-like breast cancer cells. Elife. 2017 Sep 19;6:e26693.

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

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