PROTAC(H-PGDS)-7

Cat. No.: HY-139972

CAS No.: 2761281-50-7

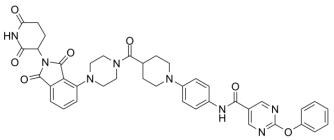
Molecular Formula: $C_{40}H_{38}N_8O_7$

Molecular Weight: 742.78

Target: Prostaglandin Receptor

Pathway: GPCR/G Protein

Storage: 4°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 (134.63 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg	10 mg
	1 mM	1.3463 mL	6.7315 mL	13.4629 mL
	5 mM	0.2693 mL	1.3463 mL	2.6926 mL
	10 mM	0.1346 mL	0.6731 mL	1.3463 mL

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

BIOLOGICAL ACTIVITY

Description

PROTAC(H-PGDS)-7 is a Hematopoietic prostaglandin D synthase (H-PGDS) PROTAC degrader, with a DC_{50} of 17.3 pM[1].

In Vitro

PROTAC(H-PGDS)-7 shows potent suppression of prostaglandin D2 (PGD2) production in KU812 cells[1].
MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Hidetomo Yokoo, et al. Discovery of a Highly Potent and Selective Degrader Targeting Hematopoietic Prostaglandin D Synthase via In Silico Design. J Med Chem. 2021 Nov 11;64(21):15868-15882.

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

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