PROTAC ER Degrader-4

Cat. No.: HY-135309

CAS No.: 2361114-15-8

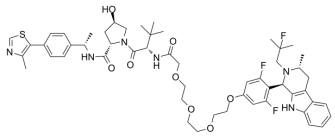
Molecular Formula: $C_{53}H_{67}F_3N_6O_8S$

Molecular Weight: 1005.19

Target: PROTACs; Estrogen Receptor/ERR

Pathway: PROTAC; Others

Storage: -20°C, stored under nitrogen
* In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (99.48 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg	10 mg
	1 mM	0.9948 mL	4.9742 mL	9.9484 mL
	5 mM	0.1990 mL	0.9948 mL	1.9897 mL
	10 mM	0.0995 mL	0.4974 mL	0.9948 mL

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

BIOLOGICAL ACTIVITY

Description

PROTAC ER Degrader-4 is a von Hippel-Lindau-based PROATC estrogen receptor (ER) degrader, binding to ER with an IC50 of 0.8 nM. PROTAC ER Degrader-4 induces ER degradation in MCF-7 cells with an IC_{50} of 0.3 nM[1].

IC_{50} & Target	VHL	ER

In Vitro

PROTAC ER Degrader-4 shows equal to 100% ER degradation at 0.3 μM in the MCF-7 ER degradation cellular assay[1].
MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Bin Yang, et al. Compounds and their use in treating cancer. WO2019123367A1.

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

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