(rel)-PROTAC ERRα Degrader-1

Cat. No.: HY-128838A

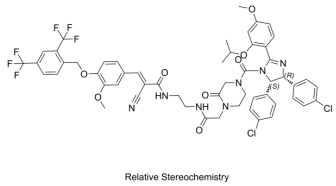
Molecular Formula: $C_{54}H_{49}Cl_2F_6N_7O_8$

Molecular Weight: 1108.91

Target: Estrogen Receptor/ERR

Pathway: Vitamin D Related/Nuclear Receptor

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



Relative Stereochemistry

SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (90.18 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg	10 mg
	1 mM	0.9018 mL	4.5089 mL	9.0179 mL
	5 mM	0.1804 mL	0.9018 mL	1.8036 mL
	10 mM	0.0902 mL	0.4509 mL	0.9018 mL

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

In Vivo

1. Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (2.25 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

(rel)-PROTAC ERRα Degrader-1 is a relative configuration of PROTAC ERRα Degrader-1. PROTAC ERRα Degrader-1 comprises a MDM2 ligand binding group, a linker and an estrogen-related receptor alpha (ERRa) binding group. PROTAC ERRα Degrader-1 is an estrogen-related receptor alpha (ERRa) degrader[1].

REFERENCES

[1]. Peng L, et al. Identification of New Small-Molecule Inducers of Estrogen-related Receptor α (ERRα) Degradation. ACS Med Chem Lett. 2019 Apr 12;10(5):767-772.

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

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