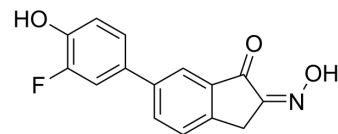


CIDD-0149897

Cat. No.:	HY-149584		
CAS No.:	2862784-20-9		
Molecular Formula:	C ₁₅ H ₁₀ FNO ₃		
Molecular Weight:	271.24		
Target:	Estrogen Receptor/ERR		
Pathway:	Vitamin D Related/Nuclear Receptor		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (460.85 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.6868 mL	18.4339 mL	36.8677 mL
	5 mM	0.7374 mL	3.6868 mL	7.3735 mL
	10 mM	0.3687 mL	1.8434 mL	3.6868 mL

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

BIOLOGICAL ACTIVITY

Description

CIDD-0149897 is a potent, selective and brain-penetrant ERβ agonist. CIDD-0149897 exert antitumor functions in glioblastoma^[1].

REFERENCES

[1]. Pratap UP, et, al. Preclinical Development of Brain Permeable ERβ Agonist for the Treatment of Glioblastoma. Mol Cancer Ther. 2023 Nov 1;22(11):1248-1260.

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

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