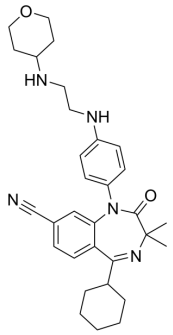
DS08210767

Cat. No.:	HY-125879
CAS No.:	2376334-75-5
Molecular Formula:	$C_{31}H_{39}N_5O_2$
Molecular Weight:	513.67
Target:	Thyroid Hormone Receptor
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 : 5 mg/mL (9.73 mM; ultrasonic and warming and heat to 80°C)

Preparing Stock Solutions	Mass / Solvent / Concentration	1 mg	5 mg	10 mg
	1 mM	1.9468 mL	9.7339 mL	19.4678 mL
	5 mM	0.3894 mL	1.9468 mL	3.8936 mL
	10 mM	---	---	---

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

BIOLOGICAL ACTIVITY

Description	DS08210767 is a highly potent, orally bioavailable PTHR1 antagonist with IC_{50} of 90 nM[1].
IC_{50} & Target	IC50: 90 nM (PTHR1)[1]

REFERENCES

[1]. Arai Y, et al. Discovery of novel PTHR1 antagonists: Design, synthesis, and structure activity relationships. Bioorg Med Chem Lett. 2019 Sep 15;29(18):2613-2616.

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