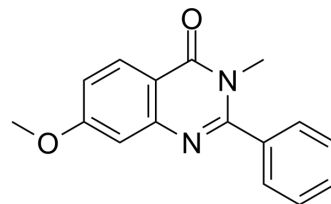


DK3

Cat. No.:	HY-143227		
CAS No.:	1187568-16-6		
Molecular Formula:	C ₁₆ H ₁₄ N ₂ O ₂		
Molecular Weight:	266.29		
Target:	Estrogen Receptor/ERR		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 12.5 mg/mL (46.94 mM; ultrasonic and warming and heat to 60°C)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.7553 mL	18.7765 mL	37.5530 mL
	5 mM	0.7511 mL	3.7553 mL	7.5106 mL
	10 mM	0.3755 mL	1.8777 mL	3.7553 mL

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

BIOLOGICAL ACTIVITY

Description

DK3 is a potent and selective estrogen-related receptor alpha (ERR α) agonist^[1].

REFERENCES

[1]. Lu G, et al. Subresidue-Resolution Footprinting of Ligand-Protein Interactions by Carbene Chemistry and Ion Mobility-Mass Spectrometry. *Anal Chem.* 2020;92(1):947-956.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA