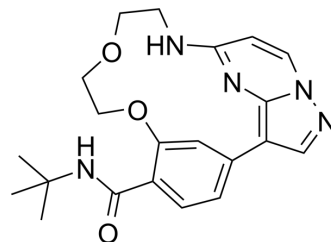


CK156

Cat. No.:	HY-149006		
CAS No.:	2910938-59-7		
Molecular Formula:	C ₂₁ H ₂₅ N ₅ O ₃		
Molecular Weight:	395.45		
Target:	DAPK		
Pathway:	Apoptosis		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (252.88 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.5288 mL	12.6438 mL	25.2876 mL
	5 mM	0.5058 mL	2.5288 mL	5.0575 mL
	10 mM	0.2529 mL	1.2644 mL	2.5288 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: 2.5 mg/mL (6.32 mM); Clear solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: 2.5 mg/mL (6.32 mM); Clear solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: 2.5 mg/mL (6.32 mM); Clear solution; Need ultrasonic

BIOLOGICAL ACTIVITY

Description

CK156 is a highly selective death-associated protein kinase (DAPK) inhibitor with IC₅₀s of 182 nM, 34 μM, and 39 μM in the DRAK1 NanoBRET assay for DRAK1, CK2a1, and CK2a2, respectively. CK156 can be used for the research of autoimmune and inflammatory diseases^[1].

REFERENCES

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