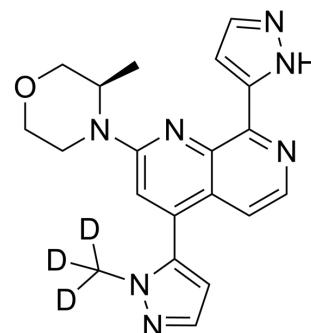


Elimusertib-d₃

Cat. No.:	HY-101566S		
Molecular Formula:	C ₂₀ H ₁₈ D ₃ N ₇ O		
Molecular Weight:	378.45		
Target:	ATM/ATR		
Pathway:	Cell Cycle/DNA Damage; PI3K/Akt/mTOR		
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 (264.24 mM; Need ultrasonic)

Concentration	Mass			
	1 mg	5 mg	10 mg	
1 mM	2.6424 mL	13.2118 mL	26.4236 mL	
5 mM	0.5285 mL	2.6424 mL	5.2847 mL	
10 mM	0.2642 mL	1.3212 mL	2.6424 mL	

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

BIOLOGICAL ACTIVITY

Description

Elimusertib-d₃ (BAY 1895344-d₃) is the deuterium labeled Elimusertib (BAY 1895344). Elimusertib is a potent, orally active and selective ATR inhibitor and has anti-tumor activity^[1].

REFERENCES

[1]. Ulrich T. Luecking, et al. Abstract 983: Identification of potent, highly selective and orally available ATR inhibitor BAY 1895344 with favorable PK properties and promising efficacy in monotherapy and combination in preclinical tumor models. Cancer Research. July 2017 Volume 77, Issue 13 Supplement.

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