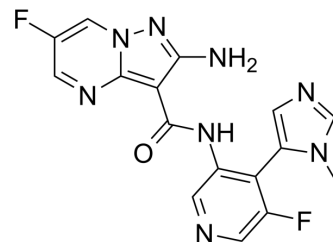


Tuvusertib

Cat. No.:	HY-111451		
CAS No.:	1613200-51-3		
Molecular Formula:	C ₁₆ H ₁₂ F ₂ N ₈ O		
Molecular Weight:	370.32		
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 : 5 mg/mL (13.50 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.7004 mL	13.5018 mL	27.0037 mL
5 mM	0.5401 mL	2.7004 mL	5.4007 mL
10 mM	0.2700 mL	1.3502 mL	2.7004 mL

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

BIOLOGICAL ACTIVITY

Description	Tuvusertib (ATR inhibitor 1) is a ATR inhibitor extracted from patent WO2015187451A1, compound I-I, with a K _i value below 1 μM ^[1] .
IC₅₀ & Target	Ki: 0.1 μM ^[1]

REFERENCES

[1]. Nadia AHMAD, et al. Radiolabelled derivatives of a 2-amino-6-fluoro-n-[5-fluoro-pyridin-3-yl]- pyrazolo[1,5-a]pyrimidin-3-carboxamide compound useful as atr kinase inhibitor, the preparation of said compound and different solid forms thereof. WO2015187451A1

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

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