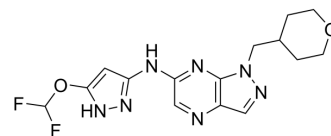


BLU-222

Cat. No.:	HY-160701
CAS No.:	2888704-84-3
Molecular Formula:	C ₁₅ H ₁₇ F ₂ N ₇ O ₂
Molecular Weight:	365.34
Target:	CDK
Pathway:	Cell Cycle/DNA Damage
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 (273.72 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		2.7372 mL	13.6859 mL	27.3718 mL
	5 mM		0.5474 mL	2.7372 mL	5.4744 mL
	10 mM		0.2737 mL	1.3686 mL	2.7372 mL

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

BIOLOGICAL ACTIVITY

Description

BLU-222 is an orally effective and selective CDK2 inhibitor. BLU-222 has antitumor activity^[1].

REFERENCES

[1]. Talbot T, et al. Amplified therapeutic targets in high-grade serous ovarian carcinoma - a review of the literature with quantitative appraisal. Cancer Gene Ther. 2023 Jul;30(7):955-963.

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

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