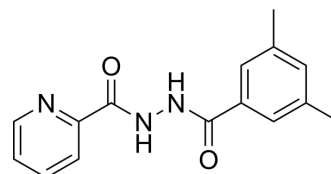


P3FI-63

Cat. No.: HY-162301
CAS No.: 931596-95-1
Molecular Formula: C₁₅H₁₅N₃O₂
Molecular Weight: 269.3
Target: Histone Demethylase
Pathway: Epigenetics
Storage: 4°C, protect from light
 * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (464.17 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		3.7133 mL	18.5667 mL	37.1333 mL
	5 mM		0.7427 mL	3.7133 mL	7.4267 mL
	10 mM		0.3713 mL	1.8567 mL	3.7133 mL

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

BIOLOGICAL ACTIVITY

Description

P3FI-63 is a KDM3B inhibitor with a IC₅₀ value of 7 μM. P3FI-63 has antitumor activity^[1].

REFERENCES

[1]. Kim YY, et al. KDM3B inhibitors disrupt the oncogenic activity of PAX3-FOXO1 in fusion-positive rhabdomyosarcoma. Nat Commun. 2024 Feb 24;15(1):1703.

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

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