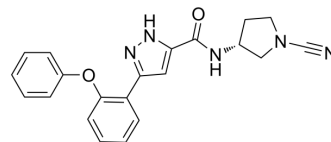


FT3967385

Cat. No.: HY-145337
Molecular Formula: C₂₁H₁₉N₅O₂
Molecular Weight: 373.41
Target: Deubiquitinase; PINK1/Parkin
Pathway: Cell Cycle/DNA Damage; Autophagy; Neuronal Signaling
Storage: 4°C, protect from light
 * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (267.80 mM; Need ultrasonic)

Concentration	Mass			
	1 mg	5 mg	10 mg	
1 mM	2.6780 mL	13.3901 mL	26.7802 mL	
5 mM	0.5356 mL	2.6780 mL	5.3560 mL	
10 mM	0.2678 mL	1.3390 mL	2.6780 mL	

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

BIOLOGICAL ACTIVITY

Description

FT3967385 is a novel USP30 inhibitor that recapitulates genetic loss of USP30 and sets the trigger for PINK1-PARKIN amplification of mitochondrial ubiquitylation.

REFERENCES

[1]. Rusilowicz-Jones E, et al. A novel USP30 inhibitor recapitulates genetic loss of USP30 and sets the trigger for PINK1-PARKIN amplification of mitochondrial ubiquitylation. *BioRxiv*. 2020 April 20.

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

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