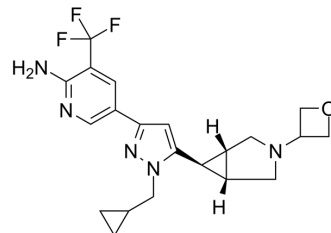


GNE-8505

Cat. No.:	HY-114332		
CAS No.:	1620573-48-9		
Molecular Formula:	C ₂₁ H ₂₄ F ₃ N ₅ O		
Molecular Weight:	419.44		
Target:	MAP3K		
Pathway:	MAPK/ERK Pathway		
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 (238.41 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.3841 mL	11.9207 mL	23.8413 mL
	5 mM	0.4768 mL	2.3841 mL	4.7683 mL
	10 mM	0.2384 mL	1.1921 mL	2.3841 mL

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

BIOLOGICAL ACTIVITY

Description

GNE-8505 is an orally available inhibitor of Dual leucine zipper kinase (DLK)^[1].

IC₅₀ & Target

DLK^[1]

REFERENCES

[1]. Le Pichon CE, et al. Loss of dual leucine zipper kinase signaling is protective in animal models of neurodegenerative disease. *Sci Transl Med.* 2017 Aug 16;9(403). pii: eaag0394.

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

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