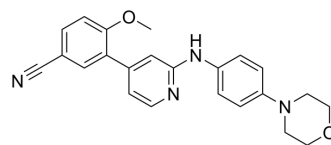


TNIK-IN-7

Cat. No.:	HY-156818		
CAS No.:	1417795-24-4		
Molecular Formula:	C ₂₃ H ₂₂ N ₄ O ₂		
Molecular Weight:	386.45		
Target:	Others		
Pathway:	Others		
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 : 12.5 mg/mL (32.35 mM; ultrasonic and warming and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.5877 mL	12.9383 mL	25.8766 mL
5 mM	0.5175 mL	2.5877 mL	5.1753 mL
10 mM	0.2588 mL	1.2938 mL	2.5877 mL

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

BIOLOGICAL ACTIVITY

Description

TNIK-IN-7 (Compound 8) is an inhibitor of Traf2 and Nck-interacting kinase (TNIK), with IC₅₀ of 11 nM, that has antitumor activity^[1].

IC₅₀ & Target

11 nM (TNIK)^[1]

REFERENCES

[1]. Koc-Kan Ho, et al. Discovery of 4-phenyl-2-phenylaminopyridine based TNIK inhibitors. Bioorg Med Chem Lett. 2013 Jan 15;23(2):569-73.

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

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