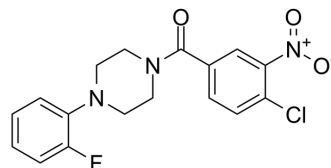


NPPM 6748-481

Cat. No.:	HY-15784
CAS No.:	432020-20-7
Molecular Formula:	C ₁₇ H ₁₅ ClFN ₃ O ₃
Molecular Weight:	363.77
Target:	Others
Pathway:	Others
Storage:	-20°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (274.90 mM); ultrasonic and warming and heat to 60°C

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.7490 mL	13.7449 mL	27.4899 mL
	5 mM	0.5498 mL	2.7490 mL	5.4980 mL
	10 mM	0.2749 mL	1.3745 mL	2.7490 mL

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

BIOLOGICAL ACTIVITY

Description

NPPM 6748-481 is a selective inhibitor of the yeast phosphatidylinositol transfer protein (PITP) Sec14^[1].

REFERENCES

[1]. Nile, Aaron H.; Tripathi, Ashutosh; Yuan, Peihua; et al. PITPs as targets for selectively interfering with phosphoinositide signaling in cells. Nature Chemical Biology (2014), 10(1), 76-84.

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

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