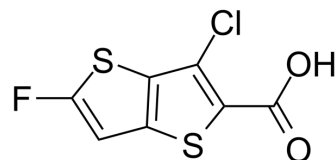


PF-07208254

Cat. No.:	HY-156193		
CAS No.:	2573122-40-2		
Molecular Formula:	C ₇ H ₂ ClFO ₂ S ₂		
Molecular Weight:	236.67		
Target:	Endogenous Metabolite		
Pathway:	Metabolic Enzyme/Protease		
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 (422.53 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	4.2253 mL	21.1265 mL	42.2529 mL
	5 mM	0.8451 mL	4.2253 mL	8.4506 mL
	10 mM	0.4225 mL	2.1126 mL	4.2253 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: 2.5 mg/mL (10.56 mM); Clear solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: 2.5 mg/mL (10.56 mM); Clear solution; Need ultrasonic

BIOLOGICAL ACTIVITY

Description

PF-07208254 is a potent inhibitor of BDK. PF-07208254 improves cardiometabolic endpoints in mice^[1].

REFERENCES

[1]. Roth Flach RJ, et al. Small molecule branched-chain ketoacid dehydrogenase kinase (BDK) inhibitors with opposing effects on BDK protein levels. Nat Commun. 2023 Aug 9;14(1):4812.

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

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