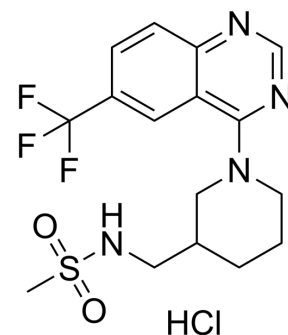


SRI-37330 hydrochloride

Cat. No.:	HY-141623
CAS No.:	2322245-49-6
Molecular Formula:	C ₁₆ H ₂₀ ClF ₃ N ₄ O ₂ S
Molecular Weight:	424.87
Target:	Others
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 62.5 mg/mL (147.10 mM; ultrasonic and warming and heat to 60°C)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.3537 mL	11.7683 mL	23.5366 mL
	5 mM	0.4707 mL	2.3537 mL	4.7073 mL
	10 mM	0.2354 mL	1.1768 mL	2.3537 mL

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

BIOLOGICAL ACTIVITY

Description

SRI-37330 hydrochloride is an orally bioavailable thioredoxin-interacting protein (TXNIP) inhibitor. SRI-37330 hydrochloride inhibits glucagon secretion and function, reduces hepatic glucose production and reverses hepatic steatosis. SRI-37330 hydrochloride can be used for type 2 diabetes research^[1].

IC₅₀ & Target

TXNIP^[1]

REFERENCES

[1]. Thielen LA, et al. Identification of an Anti-diabetic, Orally Available Small Molecule that Regulates TXNIP Expression and Glucagon Action. Cell Metab. 2020 Sep 1;32(3):353-365.e8.

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

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