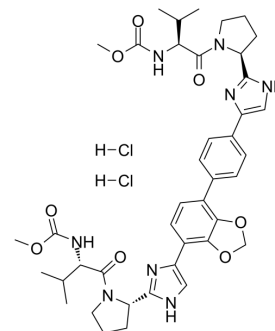


Coblopassvir dihydrochloride

Cat. No.:	HY-117411A
CAS No.:	1966138-53-3
Molecular Formula:	C ₄₁ H ₅₂ Cl ₂ N ₈ O ₈
Molecular Weight:	855.81
Target:	HCV; HCV Protease
Pathway:	Anti-infection; Metabolic Enzyme/Protease
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 50 mg/mL (58.42 mM); ultrasonic and warming and heat to 60°C)				
		Solvent	Mass		
		Concentration	1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	1.1685 mL	5.8424 mL	11.6848 mL
		5 mM	0.2337 mL	1.1685 mL	2.3370 mL
		10 mM	0.1168 mL	0.5842 mL	1.1685 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (2.92 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (2.92 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Coblopassvir (KW-136) dihydrochloride is a pangenotypic non-structural protein 5A (NS5A) inhibitor. Coblopassvir dihydrochloride can be used for research of chronic hepatitis C virus infection ^[1] .
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REFERENCES

[1]. Gao Y, et al. Coblopassvir and sofosbuvir for treatment of chronic hepatitis C virus infection in China: A single-arm, open-label, phase 3 trial. *Liver Int.* 2020;40(11):2685-2693.

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

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