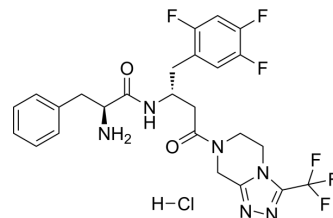


Sitagliptin fenilalanil hydrochloride

Cat. No.:	HY-147401A		
CAS No.:	1339954-75-4		
Molecular Formula:	C ₂₅ H ₂₅ ClF ₆ N ₆ O ₂		
Molecular Weight:	590.95		
Target:	Dipeptidyl Peptidase		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 25 mg/mL (42.30 mM); ultrasonic and warming and heat to 70°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.6922 mL	8.4610 mL	16.9219 mL
5 mM	0.3384 mL	1.6922 mL	3.3844 mL
10 mM	0.1692 mL	0.8461 mL	1.6922 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.08 mg/mL (3.52 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Sitagliptin fenilalanil hydrochloride is a dipeptidyl aminopeptidase 4 (DPP-4) inhibitor^[1].

REFERENCES

[1]. International Nonproprietary Names for Pharmaceutical Substances (INN). WHO Drug Information, Vol. 36, No. 2, 2022.

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

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