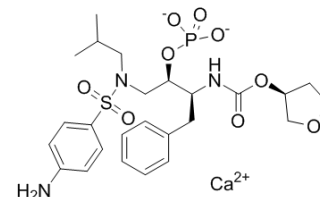


Fosamprenavir Calcium Salt

Cat. No.:	HY-17431		
CAS No.:	226700-81-8		
Molecular Formula:	C ₂₅ H ₃₄ CaN ₃ O ₉ PS		
Molecular Weight:	623.67		
Target:	HIV		
Pathway:	Anti-infection		
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 : 1.8 mg/mL (2.89 mM; Need ultrasonic and warming)
 H₂O : 0.25 mg/mL (0.40 mM; Need ultrasonic and warming)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.6034 mL	8.0171 mL	16.0341 mL
5 mM	---	---	---
10 mM	---	---	---

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

BIOLOGICAL ACTIVITY

Description

Fosamprenavir Calcium Salt (GW433908G) is a phosphate ester prodrug of the antiretroviral protease inhibitor Amprenavir, with improved solubility^[1]. Anti-HIV infection^[1].

IC₅₀ & Target

HIV^[1]

In Vitro

The calcium salt of the prodrug, Fosamprenavir Calcium Salt (GW433908G), is selected for further investigation, as it appears to offer the greatest potential for the development of new drug formulations^[1].
 MCE has not independently confirmed the accuracy of these methods. They are for reference only.

CUSTOMER VALIDATION

- Nat Commun. 2020 Sep 4;11(1):4417.

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- Antimicrob Agents Chemother. 2020 Aug 20;64(9):e00872-20.
 - Int J Antimicrob Agents. 2019 Dec;54(6):814-819.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Falcoz C, et al. Pharmacokinetics of GW433908, a prodrug of amprenavir, in healthy male volunteers. J Clin Pharmacol. 2002 Aug;42(8):887-98.

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

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