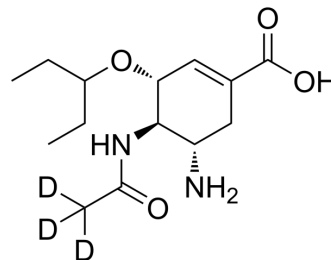


Oseltamivir acid-d₃

Cat. No.:	HY-13318S		
CAS No.:	1242184-43-5		
Molecular Formula:	C ₁₄ H ₂₁ D ₃ N ₂ O ₄		
Molecular Weight:	287.37		
Target:	Influenza Virus		
Pathway:	Anti-infection		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description

Oseltamivir acid-d₃ is a deuterium labeled Oseltamivir acid. Oseltamivir acid, the active metabolite of Oseltamivir phosphate, is an orally bioavailable, potent and selective inhibitor of influenza virus neuraminidase (IC₅₀=2 nM) with activity against both influenza A and B viruses[1][2].

REFERENCES

[1]. Li W, et al. Identification of GS 4104 as an orally bioavailable prodrug of the influenza virus neuraminidase inhibitor GS 4071. *Antimicrob Agents Chemother.* 1998 Mar;42(3):647-53.

[2]. Ghosh GC, et al. Oseltamivir carboxylate, the active metabolite of oseltamivir phosphate (Tamiflu), detected in sewage discharge and river water in Japan. *Environ Health Perspect.* 2010 Jan;118(1):103-7.

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

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