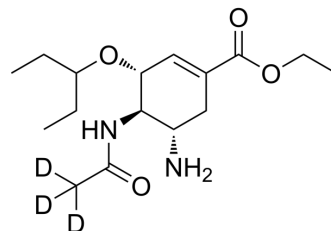


Oseltamivir-d₃

Cat. No.:	HY-13317S		
CAS No.:	1093851-61-6		
Molecular Formula:	C ₁₆ H ₂₅ D ₃ N ₂ O ₄		
Molecular Weight:	315.42		
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-d₃ is a deuterium labeled Oseltamivir. Oseltamivir is an influenza virus neuraminidase inhibitor (NAI). Oseltamivir inhibits influenza A/H3N2, A/H1N2, A/H1N1, and B viruses with mean IC₅₀s of 0.67, 0.9, 1.34 and 13 nM, respectively. Anti-influenza A and B agent[1].

REFERENCES

[1]. O Ferraris, et al. Sensitivity of Influenza Viruses to Zanamivir and Oseltamivir: A Study Performed on Viruses Circulating in France Prior to the Introduction of Neuraminidase Inhibitors in Clinical Practice. *Antiviral Res.* 2005 Oct;68(1):43-8.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA