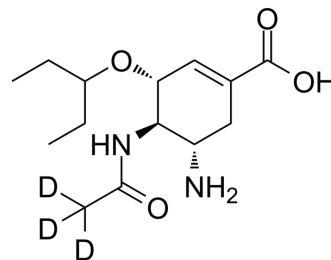


Oseltamivir acid-d3

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:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Oseltamivir acid D3 (GS 4071 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.

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