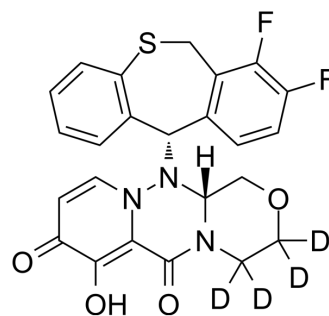


Baloxavir-d₄

Cat. No.:	HY-W751835
CAS No.:	2415027-80-2
Molecular Formula:	C ₂₄ H ₁₅ D ₄ F ₂ N ₃ O ₄ S
Molecular Weight:	487.51
Target:	Isotope-Labeled Compounds
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description

Baloxavir-d₄ (Baloxavir acid-d₄; S-033447-d₄) is the deuterium-labeled Baloxavir (HY-109025A). Baloxavir-d₄ (Baloxavir-d₄ acid), derived from the proagent Baloxavir-d₄ marboxil, is a first-in-class, potent and selective cap-dependent endonuclease (CEN) inhibitor within the polymerase PA subunit of influenza A and B viruses. Baloxavir-d₄ inhibits viral RNA transcription and replication and has potentially antiviral activity^{[1][2]}.

CUSTOMER VALIDATION

- Nat Microbiol. 2020 Jan;5(1):27-33.
- Nat Commun. 2020 Jan 9;11(1):164.
- Emerg Infect Dis. 2019 Nov;25(11):2108-2111.
- Proc Natl Acad Sci U S A. 2020 Apr 14;117(15):8593-8601.
- PLoS Pathog. 2022 Jul 13;18(7):e1010698.

See more customer validations on www.MedChemExpress.com

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

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