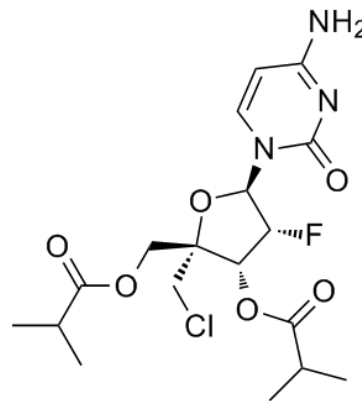


Product Name : ALS-8176
Cat. No. : PC-43307
CAS No. : 1445385-02-3
Molecular Formula : C₁₈H₂₅ClFN₃O₆
Molecular Weight : 433.859
Target : RSV
Solubility : 10 mM in DMSO



Biological Activity

ALS-8176 (Lumicitabine) is the 3',5'-di-O-isobutyryl prodrug of ALS-8112 5'-triphosphate (ALS-8112-TP), which is a potent, selective RSV polymerase inhibitor with IC₅₀ of 20 nM; demonstrates good oral bioavailability and a high level of ALS-8112-TP in vivo, exhibits excellent anti-RSV efficacy and safety in vivo and clinical trials.

RSV Infection

Phase 2 Clinical

References

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Wang G, et al. J Med Chem. 2015 Feb 26;58(4):1862-78.

Jordan PC, et al. ACS Chem Biol. 2017 Jan 20;12(1):83-91.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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