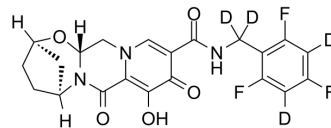


Bictegravir-d₄

| | |
|--------------------|---|
| Cat. No.: | HY-17605S2 |
| Molecular Formula: | C ₂₁ H ₁₄ D ₄ F ₃ N ₃ O ₅ |
| Molecular Weight: | 453.4 |
| Target: | HIV; HIV Integrase |
| Pathway: | Anti-infection; Metabolic Enzyme/Protease |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

Bictegravir-d₄ is a deuterium of Bictegravir (HY-17605). Bictegravir (GS-9883) is a potent inhibitor of HIV-1 integrase with an IC₅₀ of 7.5 nM^[1].

REFERENCES

[1]. Tsiang M, et al. Antiviral Activity of Bictegravir (GS-9883), a Novel Potent HIV-1 Integrase Strand Transfer Inhibitor with an Improved Resistance Profile. *Antimicrob Agents Chemother.* 2016 Nov 21;60(12):7086-7097.

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

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