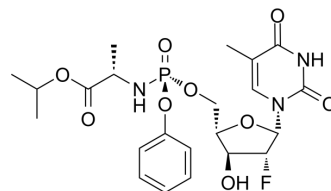


Fosclevudine alafenamide

Cat. No.:	HY-147269
CAS No.:	1951476-79-1
Molecular Formula:	C ₂₂ H ₂₉ FN ₃ O ₉ P
Molecular Weight:	529.45
Target:	HBV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Fosclevudine alafenamide (Compound EIDD-02173) is an antiviral agent with an EC ₅₀ of 1.71 μM against HBV ^[1] .								
IC₅₀ & Target	EC ₅₀ : 1.71 μM (HBV) ^[1]								
In Vitro	<p>Fosclevudine alafenamide (Compound EIDD-02173) shows cytotoxicity against CEM, A204, IEC-6 and H9c cells^[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p> <p>Cell Cytotoxicity Assay^[1]</p> <table border="1"> <tr> <td>Cell Line:</td> <td>CEM, A204, IEC-6, H9c</td> </tr> <tr> <td>Concentration:</td> <td>0-400 μM</td> </tr> <tr> <td>Incubation Time:</td> <td>6 days</td> </tr> <tr> <td>Result:</td> <td>Showed cytotoxicity with CC₅₀ values of 140, 330, 307 and 344 μM against CEM, A204, IEC-6 and H9c cells, respectively.</td> </tr> </table>	Cell Line:	CEM, A204, IEC-6, H9c	Concentration:	0-400 μM	Incubation Time:	6 days	Result:	Showed cytotoxicity with CC ₅₀ values of 140, 330, 307 and 344 μM against CEM, A204, IEC-6 and H9c cells, respectively.
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REFERENCES

[1]. Abel De La Rosa, et al. Phosphoramidates for the treatment of hepatitis b virus. WO2017223421A1.

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