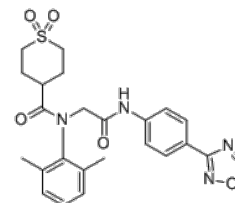


**Product Name** : Amenamevir  
**Cat. No.** : PC-60382  
**CAS No.** : 841301-32-4  
**Molecular Formula** : C<sub>24</sub>H<sub>26</sub>N<sub>4</sub>O<sub>5</sub>S  
**Molecular Weight** : 482.555  
**Target** : HSV  
**Solubility** : 10 mM in DMSO



## Biological Activity

Amenamevir (ASP-2151) is a potent viral **helicase-primase** inhibitor that possesses antiviral activity against VZV, HSV1 and HSV2 with EC<sub>50</sub> of 0.028-0.1 μM.

Amenamevir (ASP-2151) exerts equipotent activity against VZV, HSV-1 and HSV-2 through prevention of viral DNA replication.

Amenamevir (ASP-2151) also shows activity against aciclovir-resistant VZV.

## References

Chono K, et al. *J Antimicrob Chemother.* 2010 Aug;65(8):1733-41.

Himaki T, et al. *Antiviral Res.* 2012 Feb;93(2):301-4.

Katsumata K, et al. *Antimicrob Agents Chemother.* 2012 Jul;56(7):3587-91.

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

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