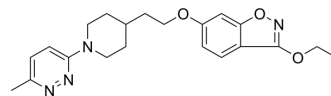


## Vapendavir

Cat. No.:	HY-106254
CAS No.:	439085-51-5
Molecular Formula:	C <sub>21</sub> H <sub>26</sub> N <sub>4</sub> O <sub>3</sub>
Molecular Weight:	382.46
Target:	Enterovirus
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Vapendavir (BTA798) is a potent enteroviral capsid binder (CB). Vapendavir (BTA798) possesses potent antiviral activity for enterovirus 71 (EV71) replication, with EC <sub>50</sub> values of 0.5-1.4 μM in different EV71 strains <sup>[1][2]</sup> .
IC <sub>50</sub> & Target	EC50: 0.5-1.4 μM (EV71 strains) <sup>[1][2]</sup> .
In Vitro	Vapendavir (BTA798) efficiently inhibit the in vitro replication of 21 EV71 strains/isolates that are representative of the different genogroups A, B, and C <sup>[2]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### CUSTOMER VALIDATION

- ACS Infect Dis. 2020 May 8;6(5):882-890.

See more customer validations on [www.MedChemExpress.com](http://www.MedChemExpress.com)

### REFERENCES

[1]. Tijmsa A, et al. The capsid binder Vapendavir and the novel protease inhibitor SG85 inhibit enterovirus 71 replication. *Antimicrob Agents Chemother.* 2014 Nov;58(11):6990-2.

[2]. Sun L, et al. Antiviral Activity of Broad-Spectrum and Enterovirus-Specific Inhibitors against Clinical Isolates of Enterovirus D68. *Antimicrob Agents Chemother.* 2015 Dec;59(12):7782-5.

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

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