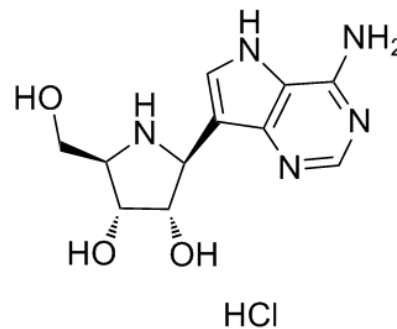


**Product Name** : BCX-4430  
**Cat. No.** : PC-45502  
**CAS No.** : 222631-44-9  
**Molecular Formula** : C<sub>11</sub>H<sub>16</sub>ClN<sub>5</sub>O<sub>3</sub>  
**Molecular Weight** : 301.7294  
**Target** : Filovirus  
**Solubility** : H<sub>2</sub>O: ≥ 41 mg/mL



## Biological Activity

A viral RNA-dependent RNA polymerase (RdRp) inhibitor that acts as a non-obligate RNA chain terminator; exhibits broad-spectrum antiviral activity against negative-sense RNA viruses representing the Filoviridae, Arenaviridae, Bunyaviridae, Orthomyxoviridae, Picornaviridae and Paramyxoviridae families, and positive-sense RNA viruses of the Flaviviridae and Coronaviridae families (EC<sub>50</sub>=5-60 μM).

Ebola Virus Infection  
Phase 1 Clinical

## References

- Warren TK, et al. Nature. 2014 Apr 17;508(7496):402-5.  
Julander JG, et al. Antimicrob Agents Chemother. 2014 Nov;58(11):6607-14.  
Julander JG, et al. Antiviral Res. 2017 Jan;137:14-22.

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

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