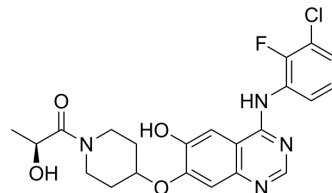


## AZ5385

Cat. No.:	HY-163377
CAS No.:	848439-89-4
Molecular Formula:	C <sub>22</sub> H <sub>22</sub> ClFN <sub>4</sub> O <sub>4</sub>
Molecular Weight:	460.89
Target:	Enterovirus; EGFR
Pathway:	Anti-infection; JAK/STAT Signaling; Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

Description	AZ5385 is an EGFR-tyrosine kinase inhibitor. AZ5385 is a HRV-2 virus blocker, with EC <sub>50</sub> of 0.35 μM. AZ5385 affects the late stage of viral life cycle <sup>[1]</sup> .
In Vitro	AZ5385 (72 h) shows a CC <sub>50</sub> of 9 μM for HeLa cells <sup>[1]</sup> . AZ5385 (3 h prior to the addition of virus, following incubation at 37°C for 72 h) also inhibits infection of HEp-2 cells by HRV-16, and RSV strain A2, with EC <sub>50</sub> s of 3.6 and 0.4 μM <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

## REFERENCES

[1]. Miah M, et al. Identification of epidermal growth factor receptor-tyrosine kinase inhibitor targeting the VP1 pocket of human rhinovirus. *Antimicrob Agents Chemother.* 2024 Mar 6;68(3):e0106423.

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

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