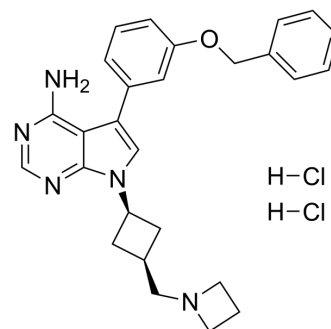


NVP-AEW541 dihydrochloride

Cat. No.:	HY-50866B
CAS No.:	2320261-63-8
Molecular Formula:	C ₂₇ H ₃₁ Cl ₂ N ₅ O
Molecular Weight:	512.47
Target:	IGF-1R; Insulin Receptor; Autophagy
Pathway:	Protein Tyrosine Kinase/RTK; Autophagy
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

NVP-AEW541 dihydrochloride (AEW541 dihydrochloride) is an orally active inhibitor of the insulin-like growth factor 1 receptor (IGF-1R) with an IC₅₀ value of 0.15 μM. NVP-AEW541 dihydrochloride also inhibits InsR, IC₅₀ with a value of 0.14 μM. NVP-AEW541 dihydrochloride has antitumor activity^[1].

CUSTOMER VALIDATION

- ACS Chem Neurosci. 2021 Jul 15.
- Stem Cells Int. 06 Dec 2021.
- Endocr Relat Cancer. 2019 Feb;26(2):187-199.
- PLoS One. 2018 Feb 7;13(2):e0192214.
- Anticancer Drugs. 2023 Jul 14.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. García-Echeverría C, et al. In vivo antitumor activity of NVP-AEW541-A novel, potent, and selective inhibitor of the IGF-1R kinase. Cancer Cell. 2004 Mar;5(3):231-9.

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

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