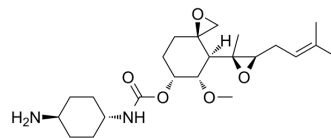


SDX-7539

Cat. No.:	HY-158006
Molecular Formula:	C ₂₃ H ₃₈ N ₂ O ₅
Molecular Weight:	422.56
Target:	MetAP
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	SDX-7539 is a selective inhibitor for Methionine aminopeptidase type 2 (MetAP2). SDX-7539 inhibits proliferation of HUVECs with an IC ₅₀ of 120 μM. SDX-7539 exhibits antitumor activity in NSCLC xenograft athymic nude mice ^[1] .	
In Vivo	SDX-7539 (37 mg/kg, i.v., every two days for 20 days) inhibits tumor growth in A549 xenograft athymic nude mice model ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.	
	Animal Model:	A549 xenograft athymic nude mice ^[1]
	Dosage:	37 mg/kg
	Administration:	i.v., every two days for 20 days
	Result:	Inhibited tumor growth.

REFERENCES

[1]. Cornelius P., et al., Pharmacological Characterization of SDX-7320/Exevomostat: a Novel Methionine Aminopeptidase Type 2 Inhibitor with Anti-Tumor and Anti-Metastatic Activity, 2024

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

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