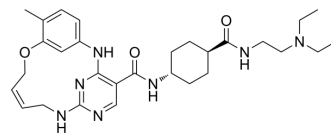


UNC8969

Cat. No.:	HY-162406
Molecular Formula:	C ₂₉ H ₄₁ N ₇ O ₃
Molecular Weight:	535.68
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	UNC8969 (compound 43) is a MERTK/AXL dual inhibitor with IC ₅₀ s of 1.1±0.8 nM for MERTK and 5.3 ± 2.7 nM for AXL. UNC8969 also exerts a T _{1/2} of 7.3 h with 5 mg/kg i.v. in mice ^[1] .
IC ₅₀ & Target	IC ₅₀ : 1.1±0.8 nM (MERTK) ^[1] , 5.3±2.7 nM (AXL) ^[1]
In Vitro	UNC8969 (0-1000 nM, 2 h) inhibits pMERTK and pAXL dose dependently in NSCLC cells ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Discovery of Novel Macrocyclic MERTK/AXL Dual Inhibitors. J Med Chem. 2024 Apr 11;67(7):5866-5882.

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

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