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Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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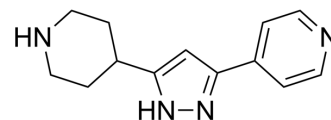
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ETP-45835

Cat. No.:	HY-W846144
CAS No.:	794510-70-6
Molecular Formula:	C ₁₃ H ₁₆ N ₄
Molecular Weight:	228.29
Target:	MNK
Pathway:	MAPK/ERK Pathway
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	ETP-45835 is selective and potent MNK inhibitor with IC ₅₀ s of 575 nM and 646 nM for MNK1 and MNK2, respectively. ETP-45835 shows little activity against 24 other kinases. ETP-45835 inhibits eIF4E Ser209 phosphorylation in cells, and has anticancer effects ^[1] .	
IC ₅₀ & Target	MNK1 575 nM (IC ₅₀)	MNK2 646 nM (IC ₅₀)

REFERENCES

[1]. Julen Oyarzabal, et al. Discovery of mitogen-activated protein kinase-interacting kinase 1 inhibitors by a comprehensive fragment-oriented virtual screening approach. J Med Chem. 2010 Sep 23;53(18):6618-28.

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

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