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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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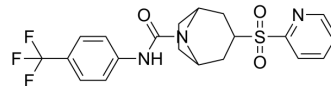
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ELOVL6-IN-5

Cat. No.:	HY-160912
CAS No.:	1135000-36-0
Molecular Formula:	C ₂₀ H ₂₀ F ₃ N ₃ O ₃ S
Molecular Weight:	439.45
Target:	ELOVL
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

ELOVL6-IN-5 (compound B) is an inhibitor of the elongase enzyme of long-chain fatty acid family 6 (ELOVL6). ELOVL6 is a rate-limiting enzyme for the elongation of saturated and monounsaturated long-chain fatty acids and is an effective target for inhibiting diabetes. ELOVL6-IN-5 reduces hepatic fatty acid levels in a mouse model of diet-induced obesity (DIO). However, ELOVL6 inhibition by ELOVL6-IN-5 did not improve insulin resistance^[1].

REFERENCES

[1]. Shimamura K, et al. Discovery and characterization of a novel potent, selective and orally active inhibitor for mammalian ELOVL6. *Eur J Pharmacol.* 2010 Mar 25;630(1-3):34-41.

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

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