



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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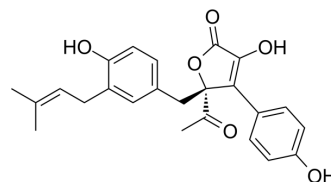
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BTL-MK

Cat. No.:	HY-158316
CAS No.:	2758569-43-4
Molecular Formula:	C ₂₄ H ₂₄ O ₆
Molecular Weight:	408.44
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

BTL-MK (Compound 19) an orally active antiallergic agent, that inhibits degranulation of mast cells with an IC₅₀ of 6.7 μM, through binding to the inhibitory receptor FcγRIIB. BTL-MK improves the metabolic stability in human liver microsomes. BTL-MK ameliorates the allergic response in Ovalbumins (HY-W250978)-induced food allergy mice model. BTL-MK exhibits a good pharmacokinetic character with metabolic stability^[1].

REFERENCES

[1]. Xie CL, et al., Lead Optimization of Butyrolactone I as an Orally Bioavailable Antiallergic Agent Targeting FcγRIIB. J Med Chem. 2024 May 9;67(9):7504-7515.

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

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