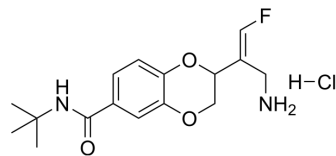


SSAO/VAP-1 inhibitor 1

Cat. No.:	HY-142444
CAS No.:	2647975-06-0
Molecular Formula:	C ₁₆ H ₂₂ ClFN ₂ O ₃
Molecular Weight:	344.81
Target:	AP-1
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

SSAO/VAP-1 inhibitor 1 is a potent inhibitor of SSAO/VAP-1. SSAO/VAP-1 promotes the transfer of Glucose transport 4 (GLUT 4) from adipocytes to the cell membrane, thereby regulating glucose transport. In endothelial cells, SSAO/VAP-1 can mediate the adhesion and exudation of leukocytes and endothelial cells, and participate in inflammatory responses. SSAO/VAP-1 inhibitor 1 has the potential for the research of inflammation and/or inflammation-related disease or diabetes and/or diabetes-related disease (extracted from patent WO2021102774A1, compound E3)^[1].

REFERENCES

[1]. Zhen Gu, et al. A kind of amine derivative as ssao/vap-1 inhibitor and use thereof. Patent WO2021102774A1.

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

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