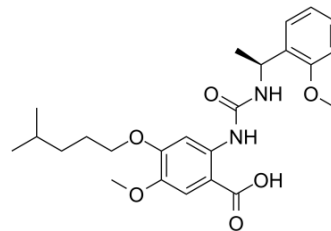


Complement C5-IN-1

Cat. No.:	HY-128342
CAS No.:	2365402-67-9
Molecular Formula:	C ₂₄ H ₃₂ N ₂ O ₆
Molecular Weight:	444.52
Target:	Complement System
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description

Complement C5-IN-1 (Compound 7) is a small-molecule inhibitor of complement component 5 protein (C5). Complement C5-IN-1 interacts with C5 to prevent its cleavage by the C5 convertase and blocks zymosan-induced the membrane-attack complex (MAC) deposition in 50% human whole blood with an IC₅₀ of 0.77 μM^[1].

REFERENCES

[1]. Jendza K, et al. A small-molecule inhibitor of C5 complement protein. Nat Chem Biol. 2019 Jul;15(7):666-668.

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

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