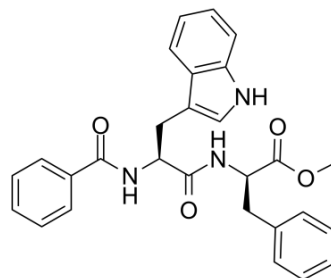


HCH6-1

Cat. No.:	HY-101283
CAS No.:	1435265-06-7
Molecular Formula:	C ₂₈ H ₂₇ N ₃ O ₄
Molecular Weight:	469.53
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description

HCH6-1 is a competitive antagonist of Formyl peptide receptor 1 (FPR1), an emerging therapeutic target for the discovery of drugs to treat neutrophilic inflammatory diseases. HCH6-1 is a selective FPR1 inhibitor and has protective effects against acute lung injury (ALI). HCH6-1 inhibits superoxide anion generation, elastase release, and chemotaxis in human neutrophils activated by fMLF (an FPR1 agonist).

REFERENCES

[1]. Yang SC, et al. Dipeptide HCH6-1 inhibits neutrophil activation and protects against acute lung injury by blocking FPR1. *Free Radic Biol Med.* 2017 May;106:254-269

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

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