



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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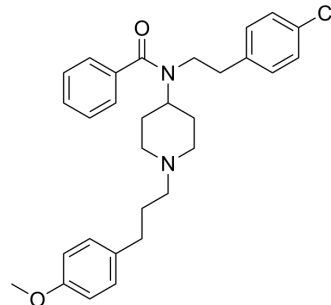
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CP-289,503

Cat. No.:	HY-160901
CAS No.:	1349637-14-4
Molecular Formula:	C ₃₀ H ₃₅ ClN ₂ O ₂
Molecular Weight:	491.06
Target:	Complement System
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	CP-289,503 is an inhibitor of the complement C5a receptor with an IC ₅₀ of 1 μM. C5a acts as an activator of leukocytes and phagocytes during complement system activation. The C5a receptor can bind to C5a, which can stimulate the upregulation of cell surface integrins and degranulation of inflammatory cells, leading to endothelial cell damage. C5a receptor inhibitors can block C5a signaling and inhibit a variety of inflammatory diseases ^[1] .
IC ₅₀ & Target	IC ₅₀ : 1 μM (C5a) ^[1]

REFERENCES

[1]. Blagg J, et al. Small, non-peptide C5a receptor antagonists: part 1. *Bioorg Med Chem Lett*. 2008 Oct 15;18(20):5601-4.

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

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