



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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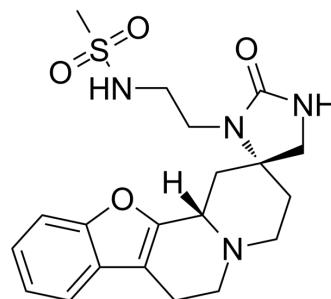
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Vatinoxan

Cat. No.:	HY-19057
CAS No.:	114914-42-0
Molecular Formula:	C ₂₀ H ₂₆ N ₄ O ₄ S
Molecular Weight:	418.51
Target:	Adrenergic Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Vatinoxan (MK-467) is an alpha 2-adrenergic receptor antagonist. The peripheral selectivity of Vatinoxan determines that it has limited penetration across the blood-brain barrier and therefore has low concentrations in the central nervous system. Vatinoxan antagonizes alpha 2-adrenergic receptor receptors by binding to them, thereby reducing or preventing cardiovascular effects caused by α 2-adrenergic agonists. Vatinoxan can be used in studies of cardiovascular effects, sedation and analgesia^[1].

REFERENCES

[1]. Honkavaara J M, et al. Concentrations of medetomidine enantiomers and vatinoxan, an α 2-adrenoceptor antagonist, in plasma and central nervous tissue after intravenous coadministration in dogs[J]. *Veterinary anaesthesia and analgesia*, 2020, 47(1): 47-52.

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

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