



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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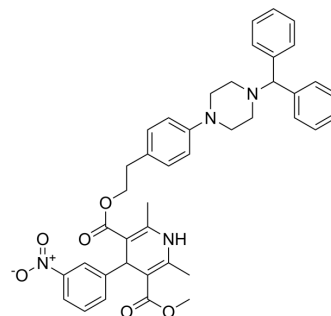
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## Vatanidipine

<b>Cat. No.:</b>	HY-106832
<b>CAS No.:</b>	116308-55-5
<b>Molecular Formula:</b>	C <sub>41</sub> H <sub>42</sub> N <sub>4</sub> O <sub>6</sub>
<b>Molecular Weight:</b>	686.8
<b>Target:</b>	Calcium Channel
<b>Pathway:</b>	Membrane Transporter/Ion Channel; Neuronal Signaling
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Vatanidipine is an orally active dihydropyridine (DHP)-type calcium channel blocker and a long-lasting antihypertensive agent. Vatanidipine shows vasodilatory effects and also suppresses noradrenaline release from sympathetic nerve endings [1].
<b>In Vivo</b>	Vatanidipine (1-10 mg/kg, p.o.) suppresses the systolic blood pressure of spontaneously hypertensive rats <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Matsumura Y, et al. Vatanidipine hydrochloride: a new long-lasting antihypertensive agent. *Expert Opin Investig Drugs*. 2001 Jan;10(1):139-55.

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

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