



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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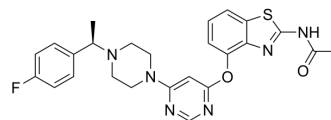
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AMG-628

Cat. No.:	HY-W931056
CAS No.:	862269-93-0
Molecular Formula:	C ₂₅ H ₂₅ FN ₆ O ₂ S
Molecular Weight:	492.57
Target:	TRP Channel
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

AMG-628 is an orally active inhibitor for TRPV1, that inhibits Capsaicin (HY-10448) or acid (pH 5)-induced Ca²⁺ influx into TRPV1- expressing CHO cell with IC₅₀ of 4.9 and 3.1 nM. AMG-628 exhibits analgesic activity in Capsaicin (HY-10448)-induced rat model, and exhibits a half-life of 2.4 h in rats^[1].

REFERENCES

[1]. Wang HL, et al., Novel vanilloid receptor-1 antagonists: 3. The identification of a second-generation clinical candidate with improved physicochemical and pharmacokinetic properties. J Med Chem. 2007 Jul 26;50(15):3528-39.

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

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