



# 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

### SZABO-SCANDIC HandelsgmbH

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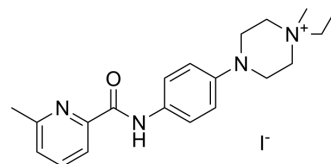
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## GAT2711

Cat. No.:	HY-161671
Molecular Formula:	C <sub>20</sub> H <sub>27</sub> N <sub>4</sub> O
Molecular Weight:	466.36
Target:	nAChR
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	GAT2711 (compound 3h) is a full agonist of $\alpha 9$ nAChR with an EC <sub>50</sub> of 230 nM. GAT2711 inhibits ATP-induced IL-1 $\beta$ release in THP-1 cells and exhibits analgesic activity in $\alpha 7$ knockout mice <sup>[1]</sup> .
IC <sub>50</sub> & Target	$\alpha 9$ nAChR <sup>[1]</sup>

### REFERENCES

[1]. Andleeb H, et al. Explorations of Agonist Selectivity for the  $\alpha 9^*$  nAChR with Novel Substituted Carbamoyl/Amido/Heteroaryl Dialkylpiperazinium Salts and Their Therapeutic Implications in Pain and Inflammation. *J Med Chem.* 2024 Jun 13;67(11):8642-8666.

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

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