



# 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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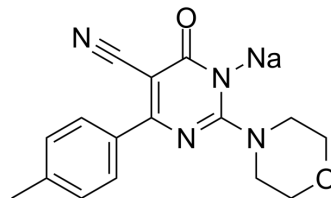
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## $\alpha$ 2AR agonist 1

Cat. No.:	HY-161836
Molecular Formula:	C <sub>16</sub> H <sub>15</sub> N <sub>4</sub> NaO <sub>2</sub>
Molecular Weight:	318.31
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	$\alpha$ 2AR agonist 1 (compound S6a), a new morpholine-containing pyrimidinone, acts as an agonist of $\alpha$ 2-adrenoceptor. $\alpha$ 2AR agonist 1 induces a concentration-dependent relaxation on aortic ring pre-contracted with Phenylephrine (HY-B0769; pEC <sub>50</sub> =6.81). $\alpha$ 2AR agonist 1 increases NOx and NO levels in HUVECs <sup>[1]</sup> .
IC <sub>50</sub> & Target	$\alpha$ 2-adrenergic receptor

### REFERENCES

[1]. Silvia Maria de Luna Alves, et al. New morpholine-containing pyrimidinones act on  $\alpha$ -adrenoceptors. Eur J Pharmacol. 2024 Jul 6:978:176788.

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

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