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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

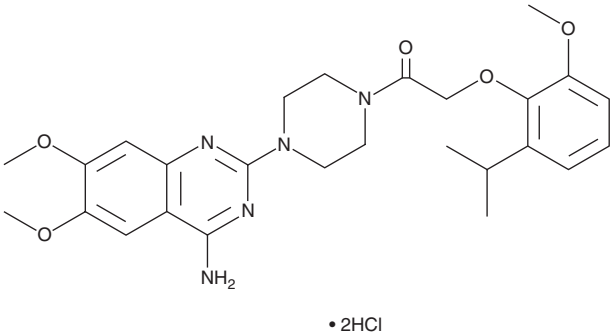
linkedin.com/company/szaboscandic

PRODUCT INFORMATION

Rec 15/2615 (hydrochloride)

Item No. 27677

CAS Registry No.: 1782573-48-1
Formal Name: 1-[4-(4-amino-6,7-dimethoxy-2-quinazolinyl)-1-piperazinyl]-2-[2-methoxy-6-(1-methylethyl)phenoxy]-ethanone, dihydrochloride
Synonym: SB 216469
MF: $C_{26}H_{33}N_5O_5 \bullet 2HCl$
FW: 568.5
Purity: ≥98%
Supplied as: A solid
Storage: -20°C
Stability: ≥2 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

Rec 15/2615 (hydrochloride) is supplied as a solid. A stock solution may be made by dissolving the rec 15/2615 (hydrochloride) in the solvent of choice, which should be purged with an inert gas. Rec 15/2615 (hydrochloride) is soluble in the organic solvent DMSO at a concentration of approximately 100 mM.

Description

Rec 15/2615 is an antagonist of α_{1B}-adrenergic receptors (α_{1B}-ARs; K_i = 0.45 nM for the recombinant human receptor).[1] It selectively inhibits α_{1B}-ARs over α_{1A}-, α_{1D}-, and α_{1L}-ARs (K_is = 7.59, 10.23, and 49 nM, respectively). Rec 15/2615 inhibits norepinephrine-induced contractions of isolated rabbit prostate and urethral strips (K_is = 100 and 316.2 nM, respectively), as well as reduces norepinephrine-induced contractions of chloroethylclonidine-precontracted isolated rabbit aortic rings (K_i = 50 nM).[2] It decreases diastolic blood pressure (ED_{25} = 183 µg/kg, i.v.) and increases intracavernous pressure in anesthetized dogs when administered intracavernously at doses ranging from 30 and 1,000 µg/kg.[1,2]

References

1. Sironi, G., Colombo, D., Poggesi, E., *et al.* Effects of intracavernous administration of selective antagonists of α_1-adrenoceptor subtypes on erection in anesthetized rats and dogs. *J. Pharmacol. Exp. Ther.* **292(3)**, 974-981 (2000).
2. Testa, R., Guarneri, L., Angelico, P., *et al.* Pharmacological characterization of the uroselective *alpha*-1 antagonist Rec 15/2739 (SB 216469): Role of the *alpha*-1L adrenoceptor in tissue selectivity, part II. *J. Pharmacol. Exp. Ther.* **281(3)**, 1284-1293 (1997).

CAYMAN CHEMICAL
1180 EAST ELLSWORTH RD
ANN ARBOR, MI 48108 · USA
PHONE: [800] 364-9897
[734] 971-3335
FAX: [734] 971-3640
CUSTSERV@CAYMANCHEM.COM
WWW.CAYMANCHEM.COM