



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

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PRODUCT INFORMATION

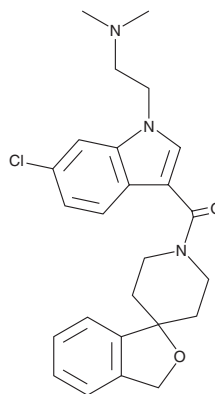


RO5028442

Item No. 31452

CAS Registry No.: 920022-47-5
Formal Name: [6-chloro-1-[2-(dimethylamino)ethyl]-1H-indol-3-yl] spiro[isobenzofuran-1(3H),4'-piperidin]-1'-yl-methanone

MF: C₂₅H₂₈ClN₃O₂
FW: 438.0
Purity: ≥98%
UV/Vis.: λ_{max}: 224 nm
Supplied as: A crystalline 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

RO5028442 is supplied as a crystalline solid. A stock solution may be made by dissolving the RO5028442 in the solvent of choice, which should be purged with an inert gas. RO5028442 is soluble in the organic solvent chloroform at a concentration of approximately 10 mg/ml.

Description

RO5028442 is a brain-penetrant antagonist of vasopressin V_{1a} receptors (K_is = 1 and 39 nM for the human and mouse receptors, respectively).¹ It is greater than 30,000-fold selective for V₁ over V₂ receptors, as well as over a panel of 120 receptors, ion channels, and enzymes at 3 μM.

Reference

1. Ratni, H., Rogers-Evans, M., Bissantz, C., *et al.* Discovery of highly selective brain-penetrant vasopressin 1a antagonists for the potential treatment of autism via a chemogenomic and scaffold hopping approach. *J. Med. Chem.* **58**(5), 2275-2289 (2015).

WARNING

THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA

This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent via email to your institution.

WARRANTY AND LIMITATION OF REMEDY

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