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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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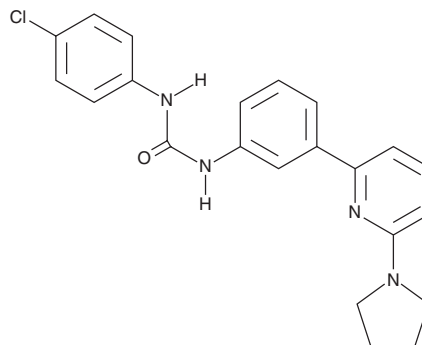
PRODUCT INFORMATION



PSNCBAM-1

Item No. 25855

CAS Registry No.: 877202-74-9
Formal Name: N-(4-chlorophenyl)-N'-[3-[6-(1-pyrrolidinyl)-2-pyridinyl]phenyl]-urea
MF: C₂₂H₂₁ClN₄O
FW: 392.9
Purity: ≥98%
UV/Vis.: λ_{max}: 229, 260, 342 nm
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

PSNCBAM-1 is supplied as a solid. A stock solution may be made by dissolving the PSNCBAM-1 in the solvent of choice, which should be purged with an inert gas. PSNCBAM-1 is soluble in the organic solvent DMSO.

Description

PSNCBAM-1 is a cannabinoid (CB) receptor 1 antagonist that is selective for CB₁ over CB₂ receptors in HEK293 cells overexpressing the human receptors (IC₅₀s = 0.1 and ≥10 μM, respectively, in a GTP binding assay).¹ PSNCBAM-1 inhibits activation of the human CB₁ receptor induced by (±)-CP 55,940 (Item No. 13241), anandamide (AEA; Item No. 90050), and 2-arachidonoyl glycerol (2-AG; Item No. 62160) in yeast expressing human CB₁ (IC₅₀s = 45, 37 and 230 nM, respectively). PSNCBAM-1 (30 mg/kg, i.p.) reduces food intake within 2 hours and decreases body weight by 24 hours after administration in male rats.

Reference

1. Horswill, J.G., Bali, U., Shaaban, S., *et al.* PSNCBAM-1, a novel allosteric antagonist at cannabinoid CB₁ receptors with hypophagic effects in rats. *Br. J. Pharmacol.* **152(5)**, 805-814 (2007).

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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