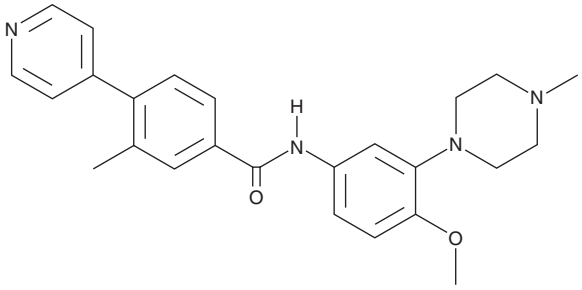
PRODUCT INFORMATION

GR125743

Item No. 46671



CAS Registry No.:	148547-33-5
Formal Name:	N-[4-methoxy-3-(4-methyl-1-piperazinyl)phenyl]-3-methyl-4-(4-pyridinyl)-benzamide
MF:	$C_{25}H_{28}N_4O_2$
FW:	416.5
Purity:	≥98%
Supplied as:	A solid
Storage:	-20°C
Stability:	≥4 years

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

Laboratory Procedures

GR125743 is supplied as a solid. A stock solution may be made by dissolving the GR125743 in the solvent of choice, which should be purged with an inert gas. GR125743 is soluble (≥10 mg/ml) in ethanol and DMSO.

Description

GR125743 is an antagonist of the serotonin (5-HT) receptor subtypes 5-HT_{1B} and 5-HT_{1D}.[1] It binds to the 5-HT_{1B} and 5-HT_{1D} receptors in HeLa cells expressing the human receptors (K_ds = 1.02 and 6.2 nM, respectively). Radiolabeled forms of GR125743 have been used to evaluate other potential ligands of the 5-HT_{1B} and 5-HT_{1D} receptors.

Reference

1. Doménech, T., Beleta, J., and Palacios, J.M. Characterization of human serotonin 1D and 1B receptors using [3H]-GR-125743, a novel radiolabelled serotonin 5HT1D/1B receptor antagonist. *Naunyn Schmiedebergs Arch. Pharmacol.* **356(3)**, 328-334 (1997).

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
Buyer agrees to purchase the material subject to Cayman's Terms and Conditions. Complete Terms and Conditions including Warranty and Limitation of Liability information can be found on our website.

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