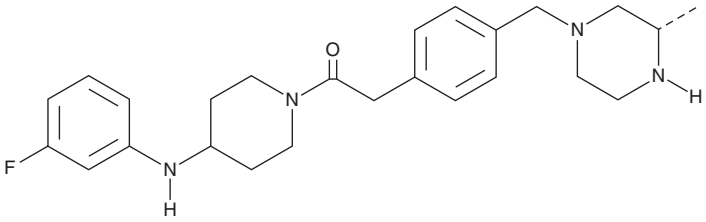
PRODUCT INFORMATION

Camicinal

Item No. 46664

CAS Registry No.:	923565-21-3
Formal Name:	1-[4-[(3-fluorophenyl)amino]-1-piperidinyl]-2-[4-[[(3S)-3-methyl-1-piperazinyl]methyl]phenyl]-ethanone
Synonym:	GSK962040
MF:	$C_{25}H_{33}FN_4O$
FW:	424.6
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

Camicinal is supplied as a solid. A stock solution may be made by dissolving the camicinal in the solvent of choice, which should be purged with an inert gas. Camicinal is sparingly soluble (1-10 mg/ml) in ethanol and DMSO.

Description

Camicinal is a motilin receptor agonist.[1] It increases intracellular calcium levels in CHO-K1 cells expressing the human motilin receptor (EC_{50} =12.59 nM). Camicinal potentiates electrical field-stimulated contractions in isolated rabbit gastric antrum strips at 0.3-3 µM and acetylcholine-induced contractions in *ex vivo* isolated human gastric strips at 10 µM.[1,2] It increases excreted fecal weight in rabbits at 5 mg/kg.

References

1. Westaway, S.M., Brown, S.L., Fell, S.C., *et al.* Discovery of N-(3-fluorophenyl)-1-[(4-[[(3S)-3-methyl-1-piperazinyl]methyl)phenyl)acetyl]-4-piperidinamine (GSK962040), the first small molecule motilin receptor agonist clinical candidate. *J. Med. Chem.* **52(4)**, 1180-1189 (2009).
2. Sanger, G.J., Westaway, S.M., Barnes, A.A., *et al.* GSK962040: A small molecule, selective motilin receptor agonist, effective as a stimulant of human and rabbit gastrointestinal motility. *Neurogastroenterol. Motil.* **21(6)**, 657-664 (2009).

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.

Copyright Cayman Chemical Company, 10/28/2026

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