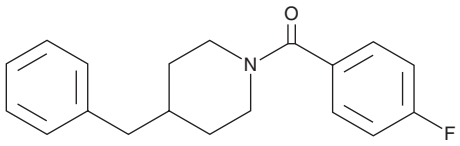
PRODUCT INFORMATION

p38α Inhibitor 3

Item No. 46405

CAS Registry No.: 260428-69-1
Formal Name: (4-fluorophenyl)[4-(phenylmethyl)-1-piperidinyl]-methanone
MF: $C_{19}H_{20}FNO$
FW: 297.4
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

p38α Inhibitor 3 is supplied as a solid. A stock solution may be made by dissolving the p38α inhibitor 3 in the solvent of choice, which should be purged with an inert gas. p38α Inhibitor 3 is soluble (≥10 mg/ml) in ethanol and DMSO.

Description

p38α Inhibitor 3 is an inhibitor of p38α MAPK and a derivative of JX-401 (Item No. 16898).[1] It inhibits p38α MAPK-dependent L8 myoblast differentiation at 10 µM.

Reference

1. Friedmann, Y., Shriki, A., Bennett, E.R., *et al.* JX401, a p38α inhibitor containing a 4-benzylpiperidine motif, identified via a novel screening system in yeast. *Mol. Pharmacol.* **70(4)**, 1395-1405 (2006).

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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