



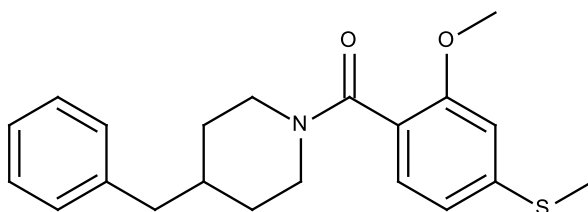
Catalog # 10-1022

JX-401

CAS# 349087-34-9

1-[2-Methoxy-4-(methylthio)benzoyl]-4-(phenylmethyl)piperidine

Lot # X101420



JX401 is a potent, cell-permeable inhibitor of p38 α (IC₅₀ = 32 nM). No inhibition of p38 β was observed at 10 μ M.

- 1) Friedmann *et al.* (2006), *JX401, a p38 α inhibitor containing a 4-benzylpiperidine motif, identified via a novel screening system in yeast*; Mol.Pharmacol., **70** 1395.

PHYSICAL DATA

Molecular Weight:	355.49
Molecular Formula:	C ₂₁ H ₂₅ NO ₂ S
Purity:	>98% by TLC: NMR: Conforms
Solubility:	DMSO (up to 25 mg/ml); Ethanol (up to 20 mg/mL)
Physical Description:	White solid
Storage and Stability:	Store as supplied at room temperature for up to 2 years from the date of purchase. Protect from exposure to moisture. Solutions in DMSO and ethanol may be stored at -20°C for up to 3 months.

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