

JX-401, p38a MAP kinase inhibitor

Catalog	Unit
TBI1022-10MG	10 mg
TBI1022-50MG	50 mg

Product Details

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

Molecular Formula: C₂₁H₂₅NO₂S

Formula Weight: 355.49

CAS Number: 349087-34-9

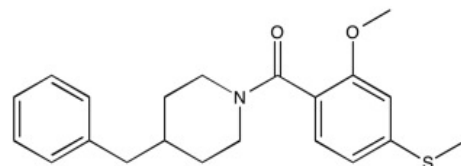
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 25 mg/ml) or in Ethanol (up to 20 mg/ml).

Storage: RT

Stability: ≥ 2 years.



Applications

p38a MAP kinase inhibitor

Functions

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

Application Procedures

First dissolved in DMSO (up to 25 mg/ml) or in Ethanol (up to 20 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 3 months.

For research use only.