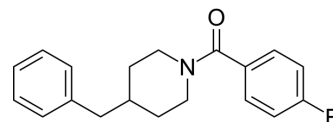


## p38α inhibitor 3

Cat. No.:	HY-153002		
CAS No.:	260428-69-1		
Molecular Formula:	C <sub>19</sub> H <sub>20</sub> FNO		
Molecular Weight:	297.37		
Target:	p38 MAPK		
Pathway:	MAPK/ERK Pathway		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 125 mg/mL (420.35 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.3628 mL	16.8141 mL	33.6281 mL
	5 mM	0.6726 mL	3.3628 mL	6.7256 mL
	10 mM	0.3363 mL	1.6814 mL	3.3628 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

p38α inhibitor 3 (Comp G7) is a p38α inhibitor that blocks the effectiveness of myoblast differentiation<sup>[1]</sup>.

### REFERENCES

[1]. Yael Friedmann, et al. JX401, A p38alpha inhibitor containing a 4-benzylpiperidine motif, identified via a novel screening system in yeast. Mol Pharmacol. 2006 Oct;70(4):1395-405.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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