



Product Information

JNK-c-Jun inhibitor AS 602801, Purity $\geq 98\%$

Cat. No.: X23-10-ZQ925

Size: 5 mg; 10 mg; 25 mg; 50 mg; 100 mg

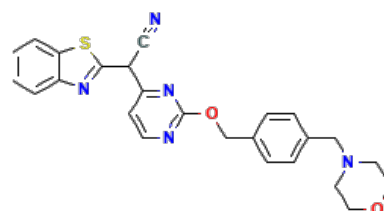
CAS Number: 848344-36-5

Compound CID: 10195250

Synonym: Bentamapimod; 848344-36-5; AS 602801; AS-602801; AS602801;

Bentamapimod (Tautomer); JNK-c-Jun inhibitor

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	AS 602801, soluble in DMSO and insoluble in ethanol and water, is an inhibitor of c-jun N-terminal kinase (JNK) signaling.
Molecular Weight	457.5
Molecular Formula	C ₂₅ H ₂₃ N ₅ O ₂ S
IUPAC Name	2-(1,3-Benzothiazol-2-yl)-2-[2-[[4-(morpholin-4-ylmethyl)phenyl]methoxy]pyrimidin-4-yl]acetonitrile
InChI	InChI=1S/C25H23N5O2S/c26-15-20(24-28-22-3-1-2-4-23(22)33-24)21-9-10-27-25(29-21)32-17-19-7-5-18(6-8-19)16-30-11-13-31-14-12-30/h1-10,20H,11-14,16-17H2
InChI Key	XCPPIJCBCWUBNT-UHFFFAOYSA-N
Canonical SMILES	C1COCCN1CC2=CC=C(C=C2)COC3=NC=CC(=N3)C(C#N)C4=NC5=CC=CC=C5S4
Form	Lyophilized powder
Purity	$\geq 98\%$
Solubility	DMSO: 21 mg/mL (45.89 mM); Water: Insoluble; Ethanol: Insoluble
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	AS 602801 is employed in research exploring its potential to inhibit JNK and the therapeutic implications for inflammatory and fibrotic conditions.
Storage	Store at -20°C.