



Product Information

JNK-c-Jun inhibitor DB07268, Purity $\geq 98\%$

Cat. No.: X23-10-ZQ932

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

MDL: MFCD26960941

CAS Number: 929007-72-7

Compound CID: 16058637

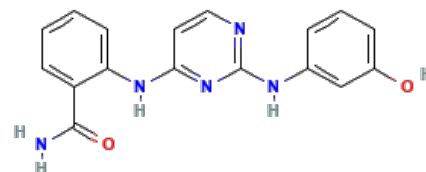
Synonym: DB07268; 929007-72-7;

2-((2-((3-Hydroxyphenyl)amino)pyrimidin-4-yl)amino)benzamide; DB-07268;

2-({2-[(3-HYDROXYPHENYL)AMINO]PYRIMIDIN-4-YL}AMINO)BENZAMIDE; JNK-c-

Jun inhibitor

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



Product Information

Description	DB07268, soluble in DMSO and insoluble in ethanol and water, is an inhibitor of c-jun N-terminal kinase (JNK) signaling.
Molecular Weight	321.33
Molecular Formula	C ₁₇ H ₁₅ N ₅ O ₂
IUPAC Name	2-[[2-(3-Hydroxyanilino)pyrimidin-4-yl]amino]benzamide
InChI	InChI=1S/C17H15N5O2/c18-16(24)13-6-1-2-7-14(13)21-15-8-9-19-17(22-15)20-11-4-3-5-12(23)10-11/h1-10,23H,(H2,18,24)(H2,19,20,21,22)
InChI Key	QHPKKGUGRGRSGA-UHFFFAOYSA-N
Canonical SMILES	C1=CC=C(C(=C1)C(=O)N)NC2=NC(=NC=C2)NC3=CC(=CC=C3)O
Form	Lyophilized powder
Purity	$\geq 98\%$
Solubility	DMSO: 62 mg/mL (192.95 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	DB07268 is used to study the selective inhibition of JNK3 and its effects on neurodegenerative diseases.
Storage	Store at -20°C.



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