

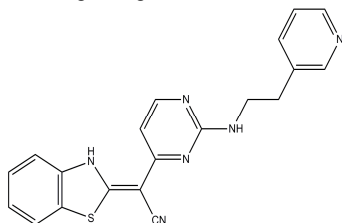
AS601245

ALTERNATE NAME: (Z)-2-(Benzo[d]thiazol-2(3H)-ylidene)-2-(2-((3-pyridin-3-yl)ethyl)amino)pyridine-4-yl)acetonitrile

CATALOG #: 2162-1, 5

AMOUNT: 1 mg, 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₀H₁₆N₆S

MOLECULAR WEIGHT: 372.45

CAS NUMBER: 345987-15-7

APPEARANCE: White to yellow solid

SOLUBILITY: DMSO (10 mg/ml)

PURITY: ≥95% by HPLC

STORAGE: Store at -20°C. Protect from light and moisture

DESCRIPTION: Cell-permeable. AS601245 is a potent, ATP-competitive JNK inhibitor (hJNK1: IC₅₀ = 150 nM, hJNK2: IC₅₀ = 220 nM and hJNK3: IC₅₀ = 70 nM). Displays anti-inflammatory properties and has been shown to reduce TNF-α plasma levels induced by LPS in mice.

REFERENCE: Gaillard, P., *et al.* (2005). *J.Med. Chem.* **48**, 4596-4607.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Active JNK1 (**Cat. No. 7757-5, 100**)

JNK Activated lysate (**Cat. No. 7032-1**)

JNK Negative Control Lysate (**Cat. No. 7031-1**)

JNK Antibody (**Cat. No. 3701-100**)

Phospho-JNK/SAPK Antibody (**Cat. No. 3589-100**)

L-JNK Peptide Inhibitor I (**Cat. No. 7011-50**)

L-JNK1 Negative Control Peptide (**Cat. No. 7021-50**)

KinaseSTAR® JNK Activity Assay Kit (**Cat. No. K431-40**)

KinaseSTAR® JNK Activity Screening Kit (**Cat. No. K430-40**)

SP600125 (**Cat. No. 1669-5**)

FOR RESEARCH USE ONLY! Not to be used in humans.