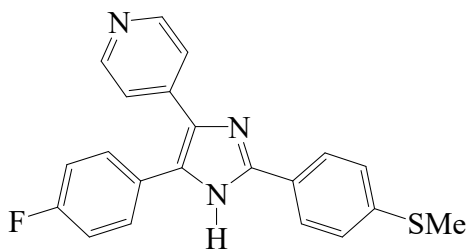




>>Entry Name: 4-[5-(4-Fluorophenyl)-2-[4-(methylthio)phenyl]-1*H*-imidazol-4-yl]pyridine, 9Cl



CAS Registry Number: 152121-44-3

Molecular Formula: C₂₁H₁₆FN₃S

Molecular Weight: 361.442

Accurate Mass: 361.104895

Percentage Composition: C 69.78%; H 4.46%; F 5.26%; N 11.63%; S 8.87%

>>Derivative: S-Oxide

Synonym(s): SB 203580

CAS Registry Number: 152121-47-6

Molecular Formula: C₂₁H₁₆FN₃OS

Molecular Weight: 377.441

Accurate Mass: 377.09981

Percentage Composition: C 66.83%; H 4.27%; F 5.03%; N 11.13%; O 4.24%; S 8.50%

Biological Use/Importance: p38 MAP kinase inhibitor. Antiarthritic agent

Physical Description: Cryst. (MeOH)

Melting Point: Mp 250-252°

>>Derivative: S,S-Dioxide

CAS Registry Number: 152121-46-5

Molecular Formula: C₂₁H₁₆FN₃O₂S

Molecular Weight: 393.441

Accurate Mass: 393.094725

Percentage Composition: C 64.11%; H 4.10%; F 4.83%; N 10.68%; O 8.13%; S 8.15%

Physical Description: Cryst. (MeOH)

Melting Point: Mp 148-149°

References:

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