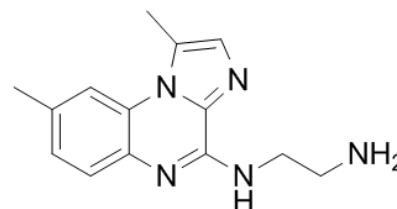


Product Name : BMS-345541 free base
Cat. No. : PC-42632
CAS No. : 445430-58-0
Molecular Formula : C₁₄H₁₇N₅
Molecular Weight : 255.3183
Target : IκB kinase (IKK)
Solubility : 10 mM in DMSO



Biological Activity

A potent and selective IKK-2 inhibitor with IC₅₀ of 0.3 μM; less potent for IKK-1 (IC₄₀=4 μM) and no activity against IKK-ε; inhibits LPS-stimulated TNFα, IL-1β, IL-8, and IL-6 in THP-1 cells with IC₅₀ of 1-5 μM; has excellent pharmacokinetics in mice.

References

- Burke JR, et al. J Biol Chem. 2003 Jan 17;278(3):1450-6.
McIntyre KW, et al. Arthritis Rheum. 2003 Sep;48(9):2652-9.
López-Guerra M, et al. Clin Cancer Res. 2009 Apr 15;15(8):2767-76.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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