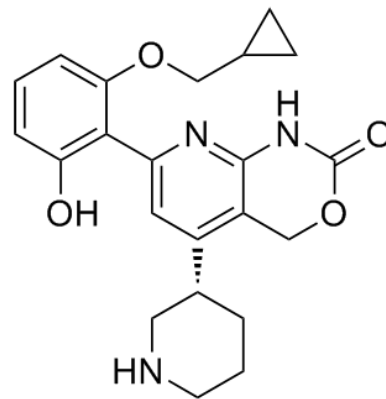


Product Name : Bay 65-1942
Cat. No. : PC-45916
CAS No. : 600734-02-9
Molecular Formula : C₂₂H₂₅N₃O₄
Molecular Weight : 395.4516
Target : IκB kinase (IKK)
Solubility : 10 mM in DMSO



Biological Activity

A potent, selective, ATP-competitive inhibitor of IKK β kinase with K_i of 2 nM; displays >50-fold selectivity over IKK- α , does not inhibit (IC_{50} > 10 μ M) IKK3, MKK4, MKK7, ERK-1, Syk, Lck, Fyn, PI3K γ , PKA, and PKC; inhibits stress-induced NF- κ B transactivation, chemokine-, cytokine-, and adhesion molecule expression, and T- and B-cell proliferation; inhibits cockroach allergen-induced airway inflammation and hyperreactivity and efficiently abrogates leukocyte trafficking induced by carrageenan in mice.

References

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

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