

产品名称 : Bay 65-1942 hydrochloride

同义词 : KINK-1 | Bay65-1942 Hydrochloride | Bay651942 Hydrochloride | Bay65-1942 HCl

产品货号 : M15236

CAS Number : 600734-06-3

分子式 : C₂₂H₂₆ClN₃O₄

分子量 : 431.9125

化学全名 : 2H-Pyrido[2,3-d][1,3]oxazin-2-one, 7-[2-(cyclopropylmethoxy)-6-hydroxyphenyl]-1,4-dihydro-5-[(3S)-3-piperidinyl]-, hydrochloride (1:1)

产品描述 : 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 (IC₅₀>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.

通路 : Immunology/Inflammation

靶点 : I κ B kinase (IKK)

受体 : I κ B kinase (IKK)

溶解度 : 10 mM in DMSO

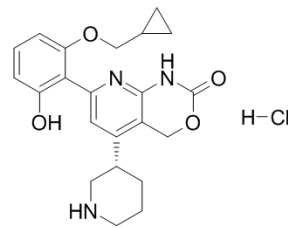
SMILES : O=C1OCC2=C([C@H]3CNCCC3)C=C(C4=C(O)C=CC=C4OCC5CC5)N=C2N1.[H]Cl

存储条件 : (-20 $^{\circ}$ C)

稳定性 : \geq 2 years

参考文献 :

1. Noha SM, et al. Bioorg Med Chem Lett. 2011 Jan 1;21(1):577-83. 2. Ziegelbauer K, et al. Br J Pharmacol. 2005 May;145(2):178-92. 3. Moss NC, et al. Am J Physiol Heart Circ Physiol. 2007 Oct;293(4):H2248-53.



仅限科学研究使用，不得用于人体。