

产品名称 : WS-6

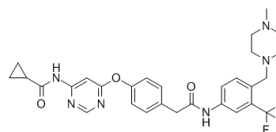
同义词 : WS6 | WS 6

产品货号 : M11760

CAS Number : 1421227-53-3

分子式 : C₂₉H₃₁F₃N₆O₃

分子量 : 568.59



化学全名 : Benzeneacetamide, 4-[[6-[(cyclopropylcarbonyl)amino]-4-pyrimidinyl]oxy]-N-[4-[(4-methyl-1-piperazinyl)methyl]-3-(trifluoromethyl)phenyl]-

产品描述 : A small molecule that can induce proliferation of β cells with EC₅₀ of 0.28 μ M; promotes β cell growth in vivo, increasing β cell mass and normalizing blood glucose in the RIP-DTA mouse model of β cell ablation; acts by inhibiting IKK ϵ and blocking the ability of EBP1 to suppress E2F-mediated transcription; also stimulates α cell proliferation in human pancreatic islets.

通路 : Immunology/Inflammation

靶点 : I κ B kinase (IKK)

受体 : ErbB3-BindingProtein-1(EBP2)||I κ Bkinase

溶解度 : 10 mM in DMSO

SMILES : O=C(NC1=CC=C(CN2CCN(C)CC2)C(C(F)(F)F)=C1)CC3=CC=C(OC4=NC=NC(NC(C5CC5)=O)=C4)C=C3

存储条件 : (-20 $^{\circ}$ C)

稳定性 : ≥ 2 years

参考文献 :

1. Swoboda JG, et al. ACS Chem Biol. 2013 Jul 19;8(7):1407-11. 2. Shen W, et al. J Am Chem Soc. 2013 Feb 6; 135(5):1669-72.