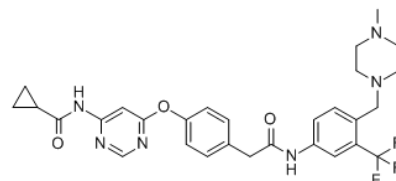


Product Name : WS-6
Cat. No. : PC-43043
CAS No. : 1421227-53-3
Molecular Formula : C₂₉H₃₁F₃N₆O₃
Molecular Weight : 568.59
Target : IκB kinase (IKK)
Solubility : 10 mM in DMSO



Biological Activity

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.

References

Swoboda JG, et al. ACS Chem Biol. 2013 Jul 19;8(7):1407-11.

Shen W, et al. J Am Chem Soc. 2013 Feb 6; 135(5):1669-72.

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

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