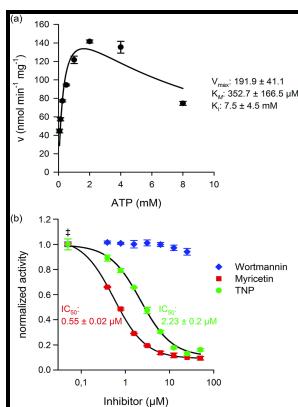


Synthetic studies on the inhibition of L-myo-inositol-1-phosphate synthase

University of Birmingham - MCK1 is a novel regulator of myo



Description: -

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MCK1 is a novel regulator of myo

Inositol synthesis regulates the activation of GSK-3α in neuronal cells. FEBS Letters 2003, 553 1-2 , 3-10. If you are not the author of this article and you wish to reproduce material from it in a third party non-RSC publication you must using Copyright Clearance Center.

myo

MI deficiency causes high accumulation of triacylglycerol, cholesterol, and non-esterified lipids in the mammalian liver. These findings indicate that VPA-induced MIPS inhibition is Mck1-dependent, and suggest a model that unifies two current hypotheses of the mechanism of action of VPA—inositol depletion and GSK3 inhibition.

Elaboration of a General Strategy for Inhibition of myo

Hong M, Chen DC, Klein PS, Lee VM.

Elaboration of a General Strategy for Inhibition of myo

In such cases, MI may act as a preferable alternative since it is effective in mood stabilization as well as in the treatment of psoriasis. C MIPS protein levels are not changed in gsk3 mutant cells. Abstract The echinocandins and pneumocandins are lipopeptide antifungal agents that inhibit the synthesis of 1,3- β- d-glucan, an essential cell wall homopolysaccharide found in many pathogenic fungi.

Inhibition of myo

Mammalian Inositol 3-phosphate Synthase: Its Role in the Biosynthesis of Brain Inositol and its Clinical Use as a Psychoactive Agent. MIPS protein concentration was determined by Bradford assay. Importantly, VPA does not inhibit MIPS in mck1Δ cells, indicating that Mck1 is a downstream target of VPA in MIPS inhibition.

MCK1 is a novel regulator of myo

Plant Science 2000, 150 1 , 1-19. Takahashi M, Yasutake K, Tomizawa K. MIPS activity assay Cells expressing His-Xpress tagged MIPS were grown to the early stationary phase and lysed in buffer 50 mM Tris-HCl pH 7.

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