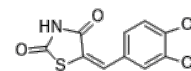


Product Name : AS041164
Cat. No. : PC-23119
CAS No. : 6318-41-8
Molecular Formula : C₁₁H₇NO₄S
Molecular Weight : 249.24
Target : PI3K
Solubility : 10 mM in DMSO



Biological Activity

AS041164 is a potent, selective and orally bioavailable PI3K γ inhibitor with IC₅₀ of 70 nM, blocks RANTES-induced chemotaxis and reduces the level of AKT phosphorylation.

AS041164 shows less activity against PI3K α , PI3K β , and PI3K δ (IC₅₀s of 240 nM, 1.45 μ M, and 1.70 μ M, respectively). AS041164 inhibits neutrophil infiltration that occurs in the early phase of the inflammatory response in a model of carrageenan-induced paw edema in rats.

References

Ferrandi C, et al. J Pharmacol Exp Ther. 2007 Sep;322(3):923-30.

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

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