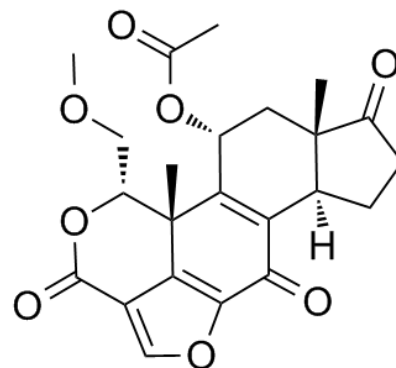


Product Name : Wortmannin
Cat. No. : PC-42442
CAS No. : 19545-26-7
Molecular Formula : C₂₃H₂₄O₈
Molecular Weight : 428.4319
Target : PI3K
Solubility : 10 mM in DMSO



Biological Activity

Wortmannin (SL-2052, KY-12420) is a potent **PI3K** inhibitor with IC₅₀ of 3 nM, does not inhibit PI4K activity. Wortmannin inhibits both Fc epsilon RI-mediated histamine secretion and leukotriene release up to 80% with IC₅₀ of 2.0 and 3.0 nM, respectively. Wortmannin also inhibits DNA-PK and MLCK.

References

- Yano H, et al. *J Biol Chem*. 1993 Dec 5;268(34):25846-56.
Nakanishi S, et al. *J Biol Chem*. 1992 Feb 5;267(4):2157-63.
Nakanishi S, et al. *J Biol Chem*. 1994 Mar 4;269(9):6528-35.
Boulton S, et al. *Carcinogenesis*. 1996 Nov;17(11):2285-90.

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

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