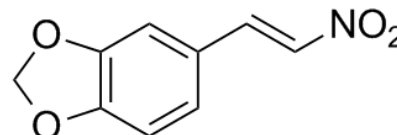


Product Name : MNS
Cat. No. : PC-45992
CAS No. : 1485-00-3
Molecular Formula : C₉H₇NO₄
Molecular Weight : 193.1562
Target : Syk
Solubility : 10 mM in DMSO



Biological Activity

MNS is a potent, selective **Src** and **Syk** kinase inhibitor with IC₅₀ of 29.3 μM and 2.5 μM, respectively.

MNS shows weak inhibitory effect on FAK and JAK2.

MNS potently prevents GPIIb/IIIa activation and platelet aggregation without directly affecting other signaling pathways required for platelet activation.

MNS also is a potent inhibitor for ATP-induced **NLRP3** inflammasome activation, inhibits IL-1β secretion in LPS-primed mouse macrophages with IC₅₀ of 2 μM.

References

Wang WY, et al. Mol Pharmacol. 2006 Oct;70(4):1380-9.

He Y, et al. J Biol Chem. 2014 Jan 10;289(2):1142-50.

Wang WY, et al. Biochem Pharmacol. 2007 Aug 15;74(4):601-11.

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

E-mail: tech@probechem.com