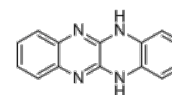


Product Name : ML090
Cat. No. : PC-36153
CAS No. : 531-46-4
Molecular Formula : C₁₄H₁₀N₄
Molecular Weight : 234.3
Target : NADPH Oxidase (NOX)
Solubility : 10 mM in DMSO



Biological Activity

ML090 (ML-090, CCG-44699, Fluoflavin, NSC 179821) is a potent, selective inhibitor of NADPH oxidase 1 (**NOX1**) with IC₅₀ of 90 nM, displays no significant activities against NOX2, 3 and 4 (IC₅₀>10 μM).

References

Carmo LSD, et al. *J Clin Invest*. 2019 Mar 18;130. pii: 127682.

Smith RM, et al. *Clin Exp Pharmacol Physiol*. 2015 Aug;42(8):860-4.

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

E-mail: tech@probechem.com