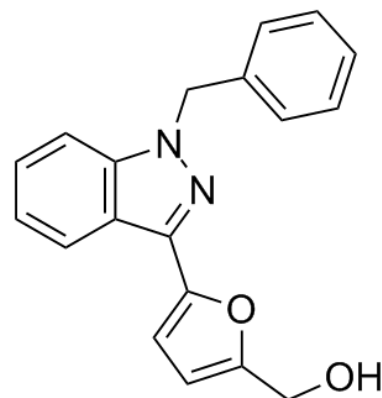


Product Name : Lificiguat
Cat. No. : PC-44126
CAS No. : 170632-47-0
Molecular Formula : C₁₉H₁₆N₂O₂
Molecular Weight : 304.3425
Target : Guanylate Cyclase
Solubility : DMSO: ≥ 51 mg/mL



Biological Activity

An NO-independent, superoxide-sensitive stimulator of sGC (soluble guanylyl cyclase) with EC₅₀ of 18.6 μM; elicits only minor effects on relaxation and cyclic GMP, increased the vasodilator potency of SNP and nitroglycerin (NTG) by 10 fold and markedly enhanced SNP- and NTG-induced cyclic GMP formation at 3 μM.

References

- Mülsch A, et al. Br J Pharmacol. 1997 Feb;120(4):681-9.
Purohit R, et al. Biochemistry. 2014 Jan 14;53(1):101-14.
Friebe A, et al. Mol Pharmacol. 1998 Jan;53(1):123-7.

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

E-mail: tech@probechem.com