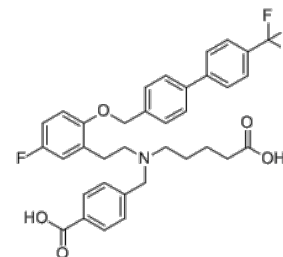


Product Name : BAY 60-2770
Cat. No. : PC-63047
CAS No. : 1027642-43-8
Molecular Formula : C₃₅H₃₃F₄NO₅
Molecular Weight : 623.645
Target : Guanylate Cyclase
Solubility : 10 mM in DMSO



Biological Activity

BAY 60-2770 is an NO-independent activator of **sGC** (soluble guanylyl cyclase) with EC₅₀ of 5.4 nM.

BAY 60-2770 demonstrates vasodilator activity in the pulmonary and systemic vascular beds that is enhanced by ODQ and NOS inhibition.

References

Pankey EA, et al. *Am J Physiol Heart Circ Physiol*. 2011 Mar;300(3):H792-802.

Knorr A, et al. *Arzneimittelforschung*. 2008;58(2):71-80.

Jones AW, et al. *J Pharmacol Exp Ther*. 2010 Oct;335(1):85-91.

Mendes-Silverio CB, et al. *PLoS One*. 2012;7(11):e47223.

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

E-mail: tech@probechem.com