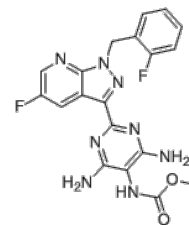


Product Name : Vericiguat
Cat. No. : PC-61605
CAS No. : 1350653-20-1
Molecular Formula : C₁₉H₁₆F₂N₈O₂
Molecular Weight : 426.388
Target : Guanylate Cyclase
Solubility : 10 mM in DMSO



Biological Activity

Vericiguat (BAY 1021189) is a novel potent, selective, orally available **soluble guanylate cyclase (sGC)** stimulator (MEC=0.3 uM), stimulating sGC NO-independently and in synergy with NO.

Vericiguat (BAY 1021189) inhibits the U46619-induced contractions of porcine coronary artery rings with IC₅₀ of 956 nM.

Vericiguat (BAY 1021189) reduces the coronary perfusion pressure in rat heart Langendorff preparations with no effect on heart rate, left ventricular diastolic pressure, and contractility.

References

Follmann M, et al. *J Med Chem.* 2017 Jun 22;60(12):5146-5161.

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

E-mail: tech@probechem.com