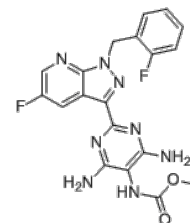


**Product Name** : Vericiguat  
**Cat. No.** : PC-61605  
**CAS No.** : 1350653-20-1  
**Molecular Formula** : C<sub>19</sub>H<sub>16</sub>F<sub>2</sub>N<sub>8</sub>O<sub>2</sub>  
**Molecular Weight** : 426.388  
**Target** : Guanylate Cyclase  
**Solubility** :



## 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; inhibits the U46619-induced contractions of porcine coronary artery rings with IC<sub>50</sub> of 956 nM; reduces the coronary perfusion pressure in rat heart Langendorff preparations with no effect on heart rate, left ventricular diastolic pressure, and contractility.

Heart Failure

Phase 3 Clinical

## 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