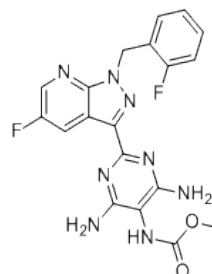


Data Sheet

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Global Supplier of Chemical Probes, Inhibitors & Agonists

Product Name : Vericiguat
Cat.No. : URK-V1425
CAS No. : 1350653-20-1
Molecular Formula : $C_{19}H_{16}F_2N_8O_2$
Molecular Weight : 426.388
Target :
Solubility :



Biological Activity

Vericiguat (BAY 1021189) is a novel potent, selective, orally available soluble guanylate cyclase (sGC) stimulator (MEC=0.3 μ M), 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

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

Note: All products of Ureiko are only used for scientific research or drug certificate declaration, we do not provide products and services for any personal use!

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

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