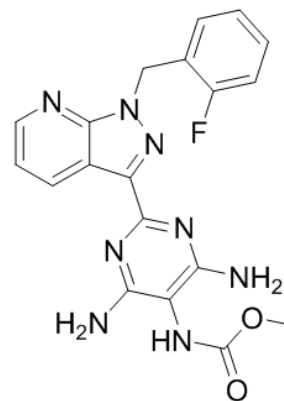


Product Name : Nelociguat
Cat. No. : PC-45991
CAS No. : 625115-52-8
Molecular Formula : C₁₉H₁₇FN₈O₂
Molecular Weight : 408.3891
Target : Guanylate Cyclase
Solubility : DMSO: ≥ 105 mg/mL (Need ultrasonic)



Biological Activity

Nelociguat (BAY60-4552) is a direct soluble guanylate cyclase (**sGC**) stimulator that acts independently of nitric oxide (NO). Nelociguat (BAY60-4552) has an EC₅₀ of 353 nM on P-VASP formation in rat aortic smooth muscle cells.

References

- Costell MH, et al. *Front Pharmacol.* 2012 Jul 5;3:128.
Oudot A, et al. *Eur Urol.* 2011 Nov;60(5):1020-6.
Albersen M, et al. *J Sex Med.* 2013 May;10(5):1268-77.

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

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