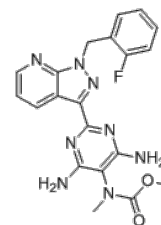


Product Name : Riociguat
Cat. No. : PC-20917
CAS No. : 625115-55-1
Molecular Formula : C₂₀H₁₉FN₈O₂
Molecular Weight : 422.42
Target : Guanylate Cyclase
Solubility : 10 mM in DMSO



CAS: 625115-55-1

Biological Activity

Riociguat (BAY 63-2521) is a potent, orally active stimulator of soluble guanylate cyclase (sGC) with MEC of 0.03 μ M for achieve threefold stimulation of cGMP formation in recombinant sGC-overexpressing cell line.

Riociguat (BAY 63-2521) inhibits the contraction of rabbit aorta with IC₅₀ of 120 nM.

Riociguat (BAY 63-2521) exerts strong effects on pulmonary hemodynamics and exercise capacity in patients with pulmonary hypertension (PH).

References

Mittendorf J, et al. ChemMedChem. 2009 May;4(5):853-65.

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

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