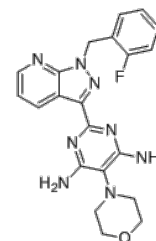


Product Name : BAY 41-8543
Cat. No. : PC-63048
CAS No. : 256498-66-5
Molecular Formula : C₂₁H₂₁FN₈O
Molecular Weight : 420.452
Target : Guanylate Cyclase
Solubility : 10 mM in DMSO



Biological Activity

BAY 41-8543 is an NO-independent **sGC** (soluble guanylyl cyclase) stimulator, inhibits collagen-mediated aggregation in washed human platelets (IC₅₀=90 nM).

BAY 418543 is a potent direct stimulator of the cyclic GMP/PKG/VASP pathway in platelets and synergizes with NO over a wide range of concentrations.

References

Stasch JP, et al. *Br J Pharmacol.* 2002 Jan;135(2):333-43.

Stasch JP, et al. *Br J Pharmacol.* 2002 Jan;135(2):344-55.

Amirjanians M, et al. *Oncotarget.* 2017 May 2;8(18):29613-29624.

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

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