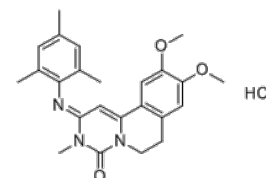


Product Name : Trequinsin hydrochloride
Cat. No. : PC-62884
CAS No. : 78416-81-6
Molecular Formula : C₂₄H₂₈ClN₃O₃
Molecular Weight : 441.956
Target : Phosphodiesterase (PDE)
Solubility : 10 mM in DMSO



Biological Activity

Trequinsin hydrochloride (HL 725) is a potent, cell-permeable, orally active inhibitor of cGMP-inhibited phosphodiesterase (**PDE3** IC₅₀=250 pM), inhibits arachidonic acid-induced aggregation of human platelets with IC₅₀ of 50 pM. Trequinsin reduces systemic blood pressure in both normotensive and hypertensive animal models.

References

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Ruppert D, et al. *Life Sci.* 1982 Nov 8;31(19):2037-43.
Darius H, et al. *Br J Pharmacol.* 1985 Mar;84(3):735-41.
Blaskó G, et al. *Thromb Res.* 1986 Jul 15;43(2):249-50.

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

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