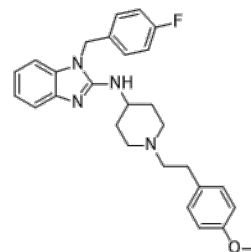


Product Name : Astemizole
Cat. No. : PC-28213
CAS No. : 68844-77-9
Molecular Formula : C₂₈H₃₁FN₄O
Molecular Weight : 458.58
Target : 5-HT Receptor
Solubility : 10 mM in DMSO



Biological Activity

Astemizole (R43512) is a second-generation histamine H₁-receptor antagonist with IC₅₀ of 4 nM, also shows potent hERG K⁺ channel blocking activity with IC₅₀ of 0.9 nM.

References

- Nicholson AN, et al. Br J Clin Pharmacol. 1982 Nov;14(5):683-90.
Laduron PM, et al. Mol Pharmacol. 1982 Mar;21(2):294-300.
Suessbrich H, et al. FEBS Lett. 1996 Apr 29;385(1-2):77-80.

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

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