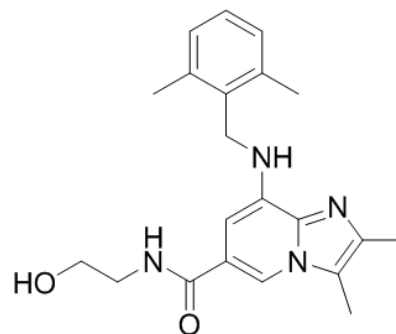


Product Name : AZD-0865
Cat. No. : PC-42143
CAS No. : 248919-64-4
Molecular Formula : C₂₁H₂₆N₄O₂
Molecular Weight : 366.4567
Target : Proton Pump
Solubility : DMSO: ≥ 35 mg/mL



Biological Activity

A potent, selective acid pump antagonist (potassium-competitive acid blocker or P-CAB) that reversibly inhibits gastric H⁺/K⁺-ATPase with pIC₅₀ of 6.5; inhibits H⁺/K⁺-ATPase activity in a K⁽⁺⁾-competitive manner with K_i of 46 nM, shows no activity for porcine renal Na⁽⁺⁾,K⁽⁺⁾-ATPase at 100 μM; inhibits gastric acid secretion in vivo.

Ulcer

Phase 2 Discontinued

References

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Gedda K, et al. Biochem Pharmacol. 2007 Jan 15;73(2):198-205.

Kirchhoff P, et al. Am J Physiol Gastrointest Liver Physiol. 2006 Nov;291(5):G838-43.

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

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