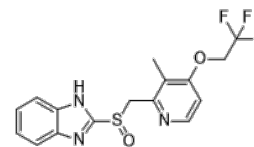


Product Name : Lansoprazole
Cat. No. : PC-25409
CAS No. : 103577-45-3
Molecular Formula : $C_{16}H_{14}F_3N_3O_2S$
Molecular Weight : 369.36
Target : Proton Pump
Solubility : 10 mM in DMSO



Biological Activity

Lansoprazole (AG-1749) is an orally active proton pump inhibitor, inhibits db-cAMP-stimulated acid formation and ($H^+ + K^+$)-ATPase with IC_{50} of 59 nM and 2.1 μ M respectively.

References

- Nagaya H, et al. Pharmacol Exp Ther. 1990 Mar;252(3):1289-95.
Nagaya H, et al. Biochem Pharmacol. 1991 Oct 24;42(10):1875-8.

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

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