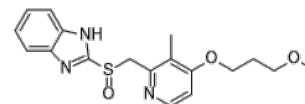


Product Name : Rabeprazole
Cat. No. : PC-24038
CAS No. : 117976-89-3
Molecular Formula : C₁₈H₂₁N₃O₃S
Molecular Weight : 359.44
Target : Proton Pump
Solubility : 10 mM in DMSO



Biological Activity

Rabeprazole (LY307640) is a second-generation proton pump inhibitor that irreversibly inactivates gastric H⁺/K⁺-ATPase, also is an uridine nucleoside ribohydrolase (UNH) inhibitor with IC₅₀ of 0.3 μM. Rabeprazole inhibits the phosphorylation of ERK1/2 in the MKN-28 cells. Rabeprazole attenuates the cell viability of the human gastric cancer cells.

References

Tara A Shea, et al. *Bioorg Med Chem Lett*. 2014 Feb 15;24(4):1080-4.

Mengli Gu, et al. *Oncol Lett*. 2014 Oct;8(4):1739-1744.

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

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