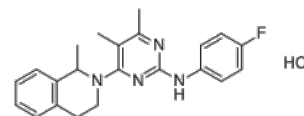


Product Name : Revaprazan hydrochloride
Cat. No. : PC-62891
CAS No. : 178307-42-1
Molecular Formula : C₂₂H₂₄ClFN₄
Molecular Weight : 398.91
Target : Proton Pump
Solubility : 10 mM in DMSO



Biological Activity

Revaprazan hydrochloride (SB641257, YH-1885) is a potent potassium-competitive acid blocker (P-CAB) that inhibits **H⁺,K⁺-ATPase** in a reversible and K⁺-competitive manner.

Revaprazan reduces gastric acid secretion, also exerts anti-inflammatory action against Helicobacter pylori-induced COX-2 expression by inactivating Akt signaling.

References

Li H, et al. *Drug Metab Dispos.* 2001 Jan;29(1):54-9.

Lee JS, et al. *J Clin Biochem Nutr.* 2012 Sep;51(2):77-83.

Inatomi N, et al. *Pharmacol Ther.* 2016 Dec;168:12-22.

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

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