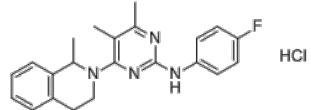

Product Name	:	Revaprazan hydrochloride
Cat. No.	:	PC-62891
CAS No.	:	178307-42-1
Molecular Formula	:	C ₂₂ H ₂₄ ClFN ₄
Molecular Weight	:	398.91
Target	:	Proton Pump
Solubility	:	10 mM in DMSO



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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