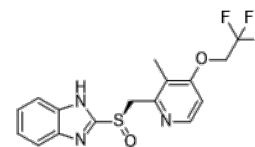


Product Name : Dexlansoprazole
Cat. No. : PC-26556
CAS No. : 138530-94-6
Molecular Formula : C₁₆H₁₄F₃N₃O₂S
Molecular Weight : 369.36
Target : Proton Pump
Solubility : 10 mM in DMSO



Biological Activity

Dexlansoprazole ((R)-Lansoprazole) is the R enantiomer of Lansoprazole, which is a proton pump inhibitor, also binds to NTF2L domain of G3BP1 with K_d of 11 uM, reduces SARS-CoV-2 nucleocapsid protein (N) binds G3BP1 and inhibits viral replication.

References

Aromokeye R, et al. ACS Infect Dis. 2026 Apr 10. doi: 10.1021/acsinfecdis.5c01026.

Nagaya H, et al. Pharmacol Exp Ther. 1990 Mar;252(3):1289-95.

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

E-mail: tech@probechem.com