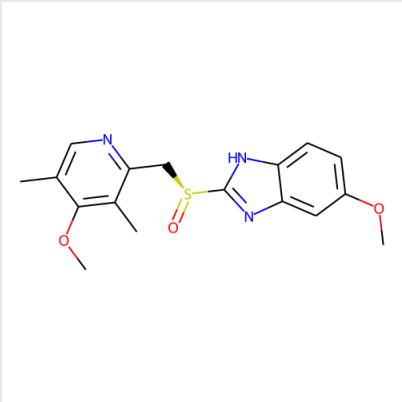
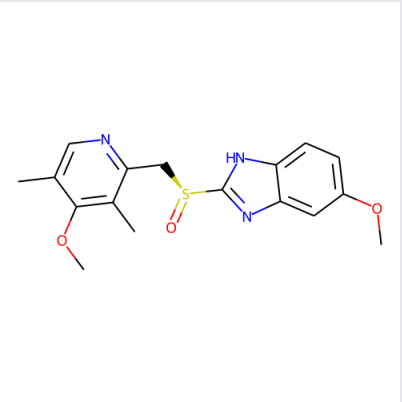
Esomeprazole Inhibitor

PRODUCT OVERVIEW

Product Name	Esomeprazole, Inhibitor
Full Product Name	Esomeprazole
Purity/Purification	98.20%
Preparation and Storage	Powder: -2 degree C for 3 years In solvent: -80 degree C for 2 years
Molecular Weight	345.42
SMILES	O=[S@](C1=NC2=CC(OC)=CC=C2N1)CC3=NC=C(C)C(OC)=C3C
Formula	C17H19N3O3S
CAS Number	119141-88-7
Target	Proton pump|||Cysteine Protease
Solubility	DMSO: 15mg/mL (43.43 mM) (<1mg/mL refers to the product slightly soluble or insoluble)
In_vitro	In an orthotopic transplantation nude mouse model, Esomeprazole reduced lung metastasis of MDA-MB-231 breast cancer cells[1].
Product Categories/Family for Esomeprazole, inhibitor	Membrane transporter/Ion channel; Proteases/Proteasome
Related Product Information for Esomeprazole, inhibitor	Esomeprazole is the S-isomer of omeprazole, inhibits the lysosomal cysteine protease leuMain to prevent cancer metastasis. Esomeprazole is a proton pump inhibitors (PPI).
Product References and Citations for Esomeprazole, inhibitor	1 Zha T e al Esomeprazol inhibit th lysosoma cystein proteas leuMai t preven cance metastasis Inves Ne Drugs 202 Apr 9(2):337-347. 2 Vachhan R e al Esomeprazole proto uM inhibitor Exper Re Gastroentero Hepatol 200 Feb (1):15-27. 3 Q Q,e al Comparativ effectivenes an tolerabilit o esomeprazol an omeprazol i gastro-esophagea reflu disease systemati revie an meta-analysis In Cli Pharmaco Ther 201 Oct 3(10):803-10. 4 Jankowsk JAZ e al Esomeprazol an aspiri i Barrett' oesophagu (AspECT) randomise factoria trial Lancet 201 Au 4 92(10145):400-408.
Other Notes	Small volumes of Esomeprazole, inhibitor vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Esomeprazole purchase	MBS5772595 is an inhibitor targeting Esomeprazole.



Structure of Esomeprazole, inhibitor
Esomeprazole, CAS 119141-88-7



Structure of Esomeprazole, inhibitor
Esomeprazole, CAS 119141-88-7

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/inhibitor/esomeprazole/5772595