

Omeprazole

Catalog No: #S0757

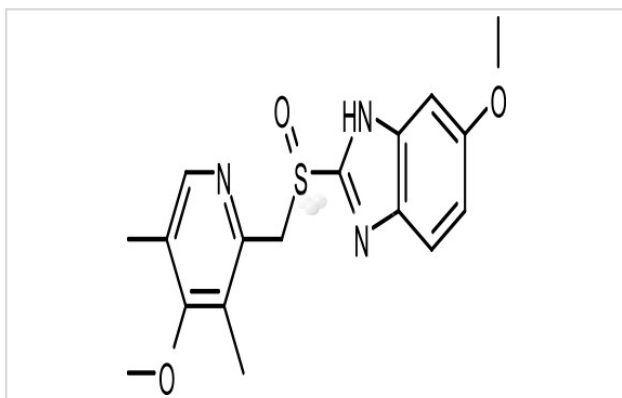
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Description

| | |
|-------------------|---|
| Product Name | Omeprazole |
| Brief Description | Inhibitors |
| Purification | 97.61% |
| Target Name | Autophagy activator; Proton pump inhibitor |
| Calculated MW | 345.42 |
| Formulation | C17H19N3O3S |
| Storage | 3 years -20°C powder; 2 years -80°C in solvent; |

Images



Product Description

Research Area: Metabolism system
 SMILES: COC1=CC2=C(C=C1)N=C(N2)S(=O)CC1=NC=C(C)C(OC)=C1
 Pathways: Autophagy; Membrane transporter/Ion channel Receptor: Autophagy; Proton pump
 Boiling pt: 600°C Melting pt: 156°C Solubility: Ethanol: 13 mg/mL (37.63 mM); DMSO: 69 mg/mL (199.75 mM)
 Appearance: White Powder Remark: For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 °C for several months.

References

1. Dzeletovic N, et al. J Biol Chem, 1997, 272(19), 12705-12713.

Note: This product is for in vitro research use only