

## Product Information

**Product ID** T1754

**CAS No.** 113712-98-4

**Chemical Name** 5-Methoxy-2-[[[(4-Methoxy-3,5-Dimethyl-2-pyridinyl)methyl]sulphonyl]-1H-imidazo[4,5-b]pyridine

**Synonym** Protop, Ulsacare

**Formula** C<sub>16</sub>H<sub>18</sub>N<sub>4</sub>O<sub>3</sub>S

**Formula Wt.** 346.41

**Melting Point** 173-175 °C

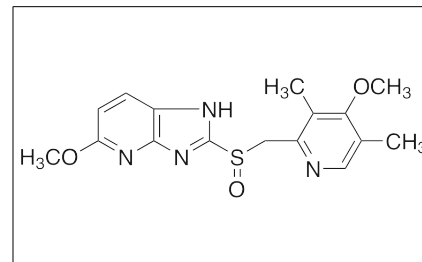
**Purity** ≥98%

**Solubility** Soluble in dichlormethane.

**Store Temp** 4 °C

**Ship Temp** Ambient

**Description** Tenatoprazole is an inhibitor of the H<sup>+</sup>/K<sup>+</sup> ATPase that prevents gastric acid secretion, exhibiting antacid activity.



**Bulk quantities available upon request**

Product ID	Size
T1754	100 mg
T1754	500 mg
T1754	1 g

**References** Li H, Meng L, Liu F, et al. H<sup>+</sup>/K<sup>+</sup>-ATPase inhibitors: a patent review. *Expert Opin Ther Pat.* 2013 Jan;23(1):99-111. PMID: 23205582.

Shin JM, Homerin M, Domagala F, et al. Characterization of the inhibitory activity of tenatoprazole on the gastric H<sup>+</sup>,K<sup>+</sup>-ATPase in vitro and in vivo. *Biochem Pharmacol.* 2006 Mar 14;71(6):837-49. PMID: 16405921.

**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.