



LKT Laboratories, Inc.

Omeprazole Related Compound E

Phone: 888-558-5227

651-644-8424

Fax: 888-558-7329

Email: getinfo@lktlabs.com

Web: lktlabs.com

Product Information

Product ID O486184

CAS No. 176219-04-8

Chemical Name 6-Methoxy-2-[[[(4-methoxy-3,5-dimethyl-1-oxido-2-pyridinyl)methyl]sulfinyl]-1H-benzimidazole

Synonym Omeprazole N-oxide; 4-Methoxy-2-(((5-methoxy-1H-benzo[d]imidazol-2-yl)sulfinyl)methyl)-3,5-dimethylpyridine 1-oxide

Formula C₁₇H₁₉N₃O₄S

Formula Wt. 361.42

Melting Point

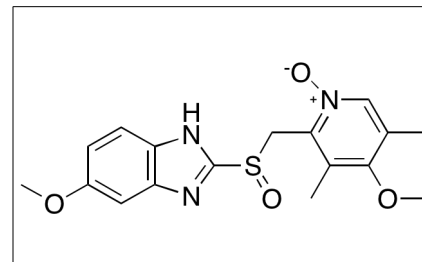
Purity ≥98%

Solubility

Store Temp 4° C

Ship Temp Ambient

Description Omeprazole is a proton pump inhibitor (PPI) that acts as an antagonist at H⁺/K⁺ ATPases and is clinically used to treat gastroesophageal reflux disease (GERD), dyspepsia, and peptic ulcer disease. Omeprazole Related Compound E is an impurity that may be formed during the synthesis or degradation of omeprazole.



Bulk quantities available upon request

Product ID **Size**

O486184 5 mg

O486184 25 mg

O486184 100 mg

References

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