Certificate of Analysis

Omeprazole

Cat. No.: HY-B0113

CAS No.: 73590-58-6

Batch No.: 14841

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

PHYSICAL AND CHEMICAL PROPERTIES

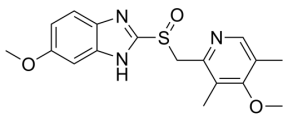
Molecular Formula: $C_{17}H_{19}N_3O_3S$

Molecular Weight: **345.42**

Storage:

Powder	-20°C	3 years
	4°C	2 years
In solvent	-80°C	6 months
	-20°C	1 month

Chemical Structure:



ANALYTICAL DATA

Appearance: White to off-white (Solid)

^{1}H NMR Spectrum: Consistent with structure

Purity (NMR): **≥98.0%**

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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