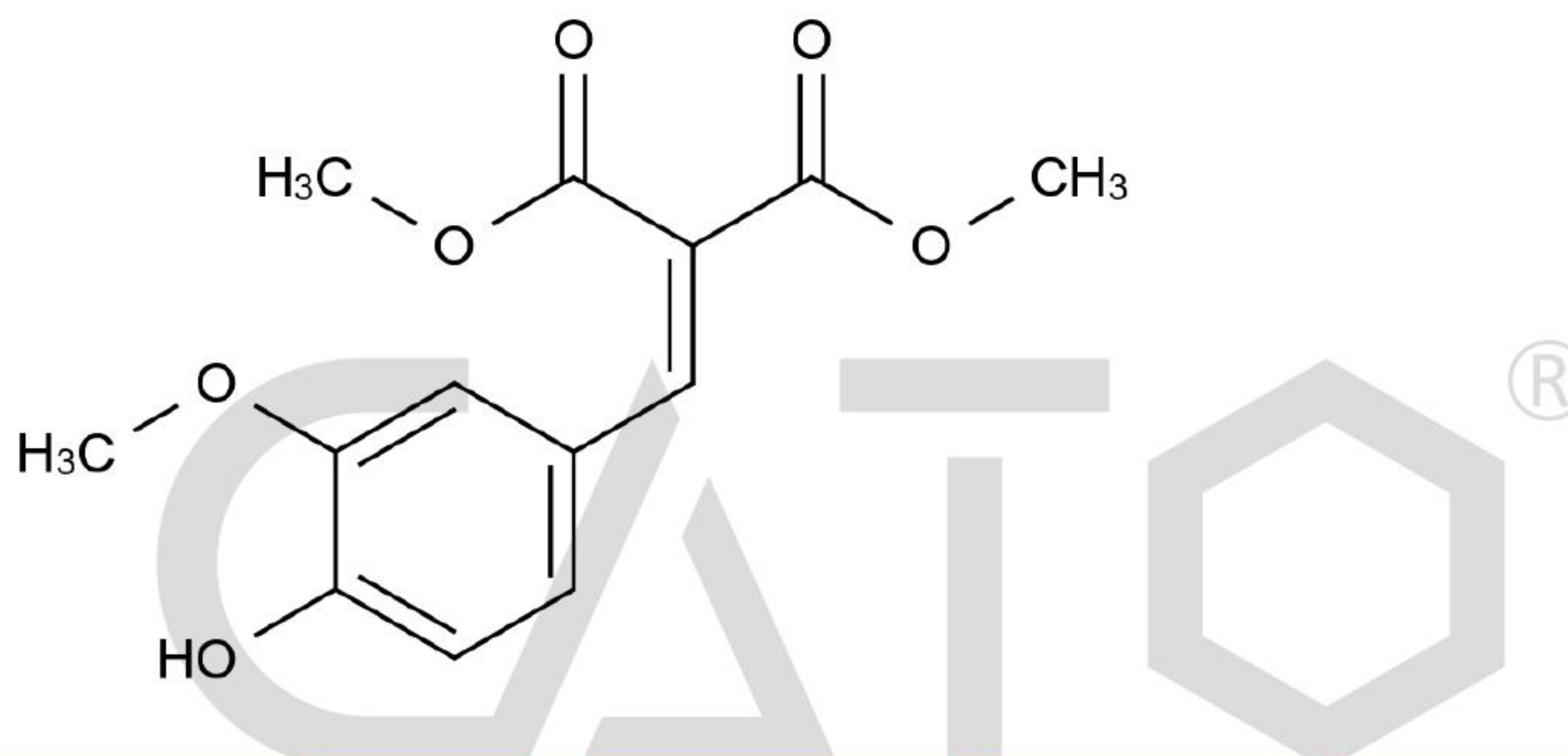


Certificate of Analysis

Reference Material & Standard

Product Name:	Piperazine Impurity 64	Catalogue Number:	C4X-242764
Synonyms:	N/A	Lot Number:	0526-RH-0029
CAS Number:	5854-18-2	Expiry Date:	May 31, 2030
Molecular Formula:	C ₁₃ H ₁₄ O ₆	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	266.25	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.7%
Assay	qNMR	93.6%

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Jun 01, 2026

Date: Jun 01, 2026

Date: Jun 01, 2026

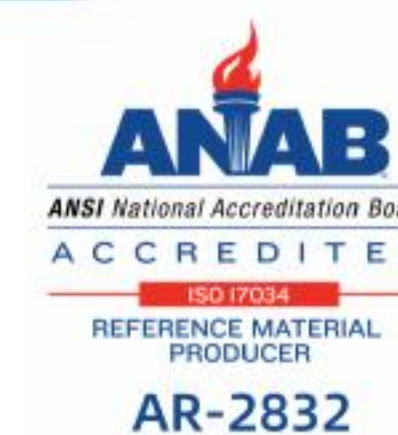
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