

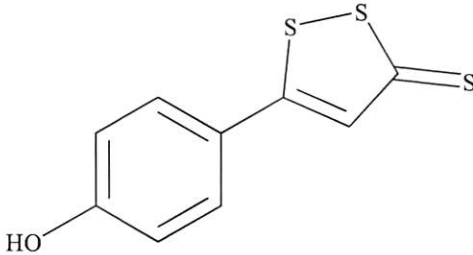
Certificate of Analysis

Certificate No.: **20250613009**



Date: June 13, 2025

Retest date: June 5, 2028

Compound Name: Anethole Trithione Impurity 1 (ADT-OH)	
Synonyms:	5-(4-hydroxyphenyl)-3H-1,2-dithiole-3-thione
TLC Catalogue Number:	A-249008
CAS Number:	18274-81-2
Alternate CAS Number:	N/A
Molecular Weight:	226.33
Molecular Formula:	C ₉ H ₆ OS ₃
Source:	TLC Pharmaceutical Standards
Source Lot No.:	6879-062A4
Storage Conditions:	Store at 2-8 °C
Solubility:	Methanol, DMSO



Test Description	Specifications	Results
Visual Description	Orange solid	Conforms
Identification		
IR	Conforms to structure	Conforms
MS	Conforms to structure	Conforms
¹ H NMR	Conforms to structure	Conforms
Purity (HPLC)	Not less than 95.0%	99.0%
Impurity (HPLC)	RT 4.53, 0.83%	
Water Content (KF)	N/A	0.2%
Residual Solvents (NMR)	0.1% acetonitrile	
Assay (%)	Not less than 90.0%	98.7%
Recommendation:	Release.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		06/13/2025
Approved by:	Quality Assurance		06/13/2025

Attachments: Peak Attribution Table, HPLC, IR, MS and NMR spectra.