

Certificate of Analysis

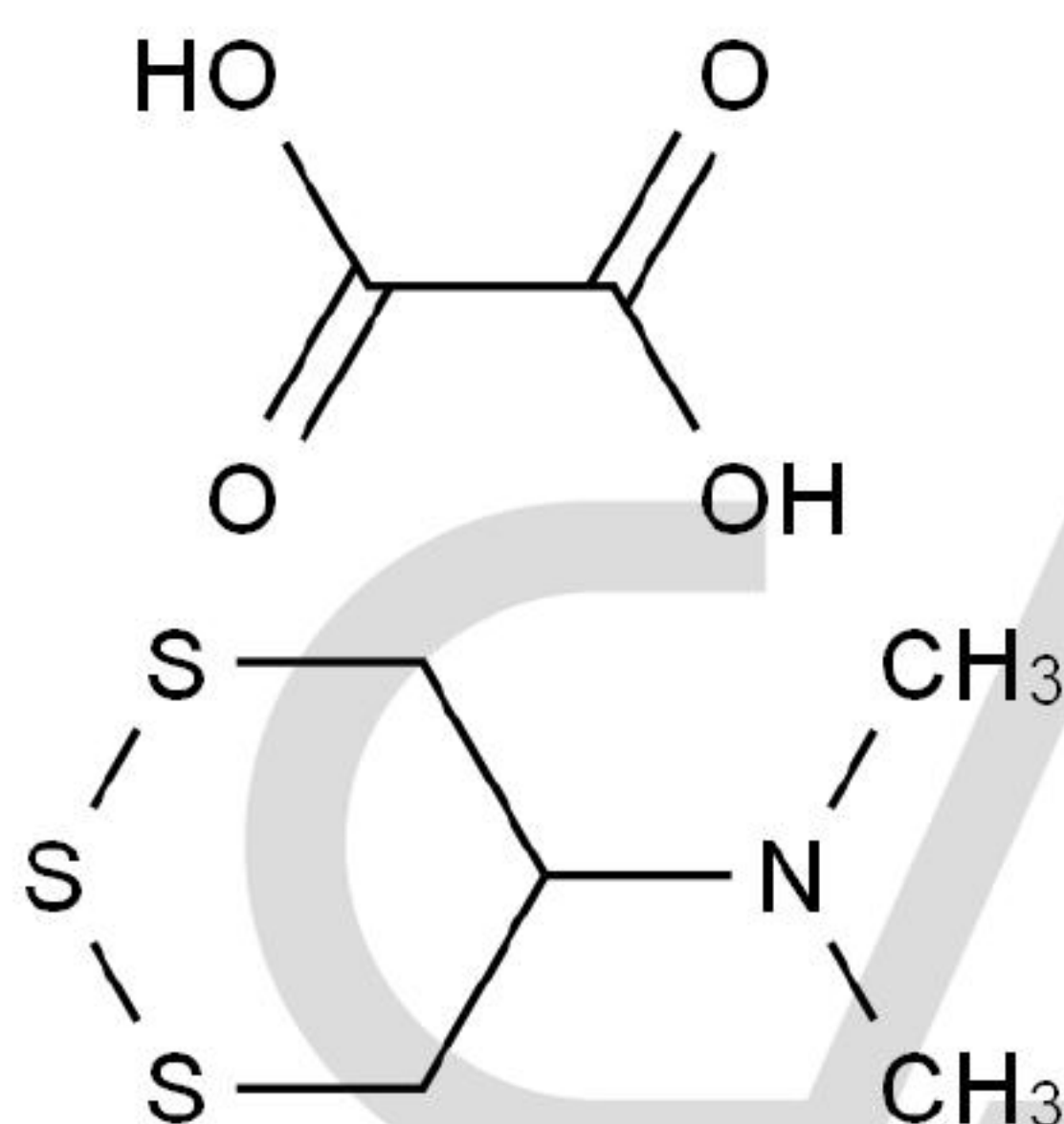
Reference Material & Standard

Product Name:	Thiocyclam Hydrogenoxalate	Catalogue Number:	CCPD100796
Synonyms:	N/A	Lot Number:	0629-RH-0103
CAS Number:	31895-22-4	Expiry Date:	Jun 28, 2030
Molecular Formula:	C ₅ H ₁₁ NS ₃ C ₂ H ₂ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	181.34 90.03	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	GC	95.0%
Assay	qNMR	91.8%
Uncertainty		±1.5%

Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Lisa

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Jun 29, 2026

Date: Jun 30, 2026

Date: Jun 30, 2026



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