

Certificate of Analysis

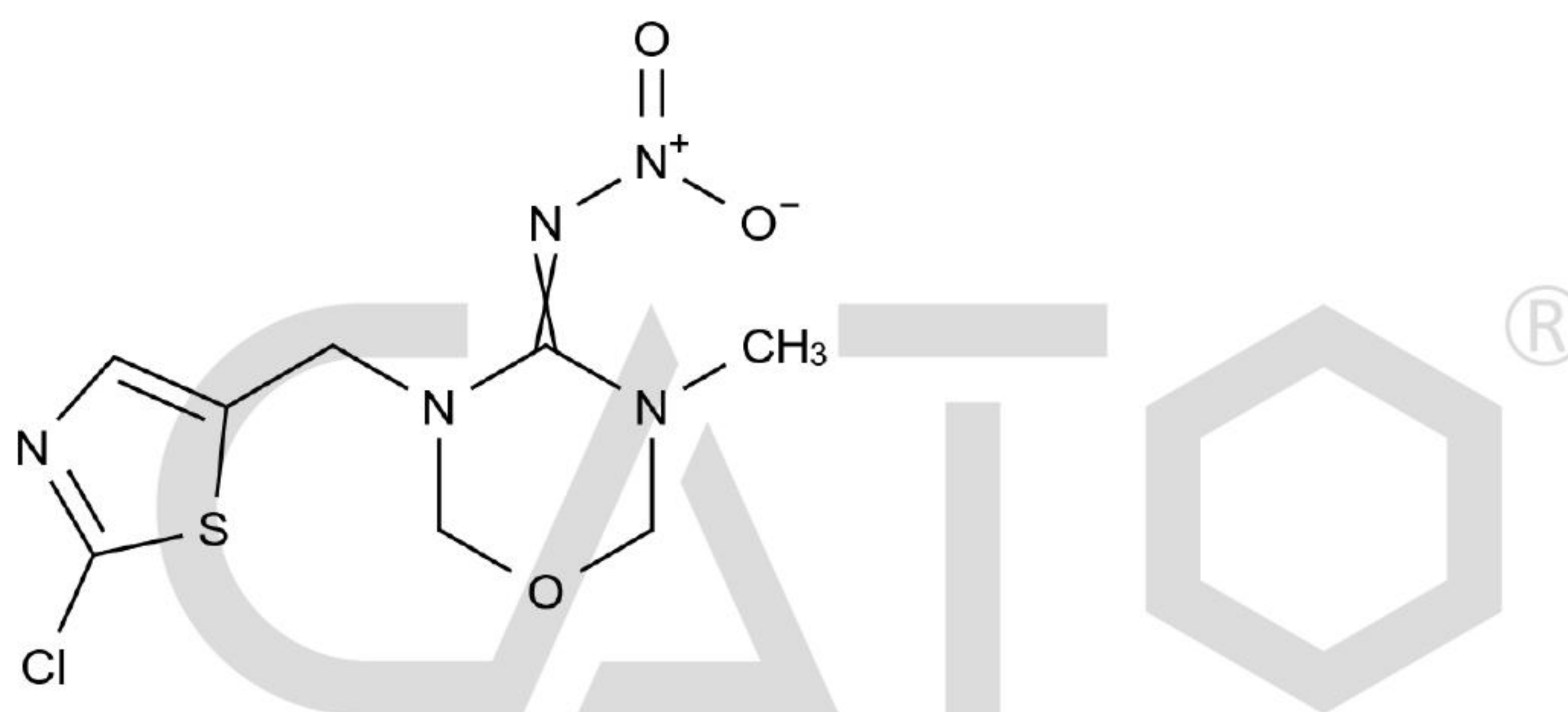
Reference Material & Standard

Product Name:	Thiamethoxam	Catalogue Number:	CCPD100790
Synonyms:	N/A	Lot Number:	0915-RG-0076
CAS Number:	153719-23-4	Expiry Date:	Sep 16, 2029
Molecular Formula:	C ₈ H ₁₀ ClN ₅ O ₃ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	291.71		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.0%
Assay	qNMR	98.0%
Uncertainty		±0.5%

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:

Nice

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Sep 26, 2025

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