

Certificate of Analysis

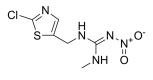
Clothianidin

Cat. No.:	HY-133167
CAS No.:	210880-92-5
Batch No.:	252680
Chemical Name:	Guanidine, N-[(2-chloro-5-thiazolyl)methyl]-N'-methyl-N''-nitro-, [C(E)]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₆ H ₈ ClN ₅ O ₂ S		
Molecular Weight:	249.68		
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:	Off-white to light yellow (Solid)
¹ H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (LCMS):	99.82%
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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