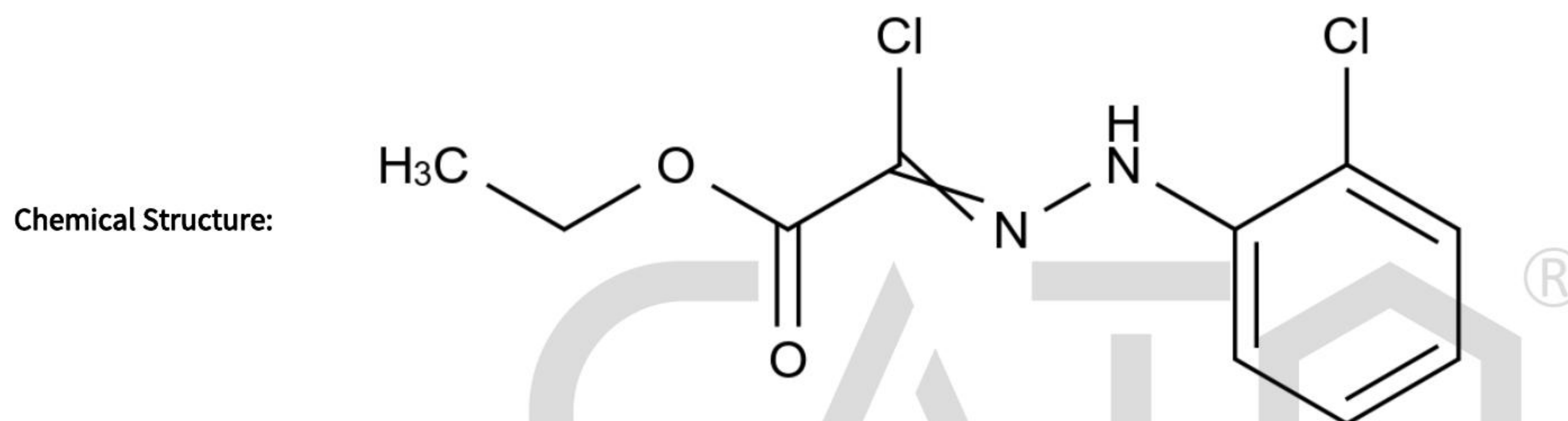


Certificate of Analysis

Reference Material & Standard

Product Name:	Ethyl-2-chloro-2-[2-(2-chlorophenyl)hydrazin-1-ylidene]acetate	Catalogue Number:	C1807132
Synonyms:	N/A	Lot Number:	0703-RH-0030
CAS Number:	28317-49-9	Expiry Date:	Jul 07, 2030
Molecular Formula:	C ₁₀ H ₁₀ Cl ₂ N ₂ O ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	261.10	Shipping Condition:	Shipping with Ice Packs
Solubility:	Acetonitrile	Warning:	



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	GCMS&HNMR	Confirmed
Purity	HPLC	99.904%
Loss on Drying	TGA	0.3113%
Assay		99.6%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$Assay (\%) = (100\% - Loss\ on\ Drying) * Purity\ HPLC (\%) / 100\%$

Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jul 08, 2026

Date: Jul 08, 2026

Date: Jul 08, 2026



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

