

Certificate of Analysis

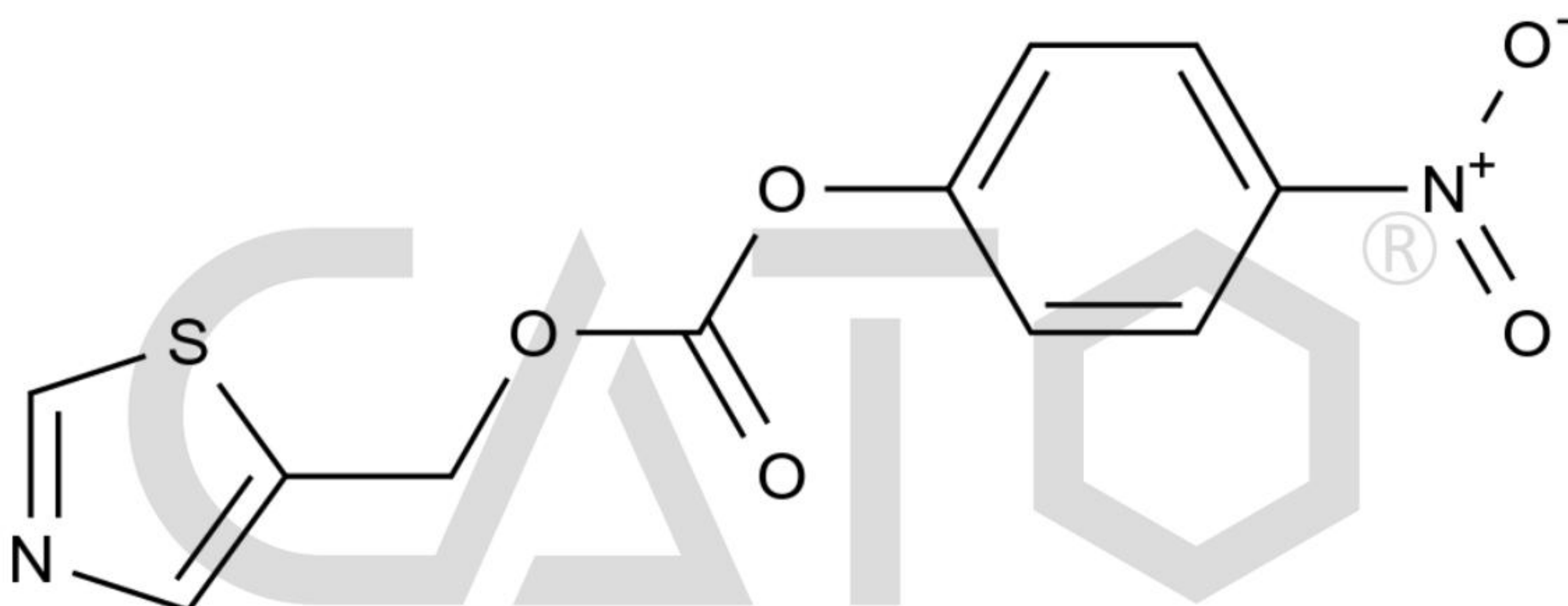
Reference Material & Standard

Product Name:	4-Nitrophenyl (thiazol-5-ylmethyl) carbonate	Catalogue Number:	C1302050
Synonyms:	N/A	Lot Number:	0327-RG-0022
CAS Number:	144163-97-3	Expiry Date:	Mar 03, 2030
Molecular Formula:	C ₁₁ H ₈ N ₂ O ₅ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	280.26	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.558%
Loss On Drying	TGA	0.0362%
Assay		99.5%

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: Mar 04, 2026

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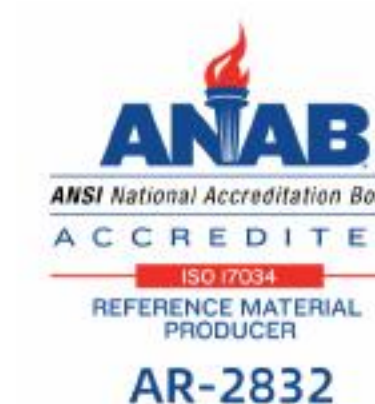
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