

Certificate of Analysis

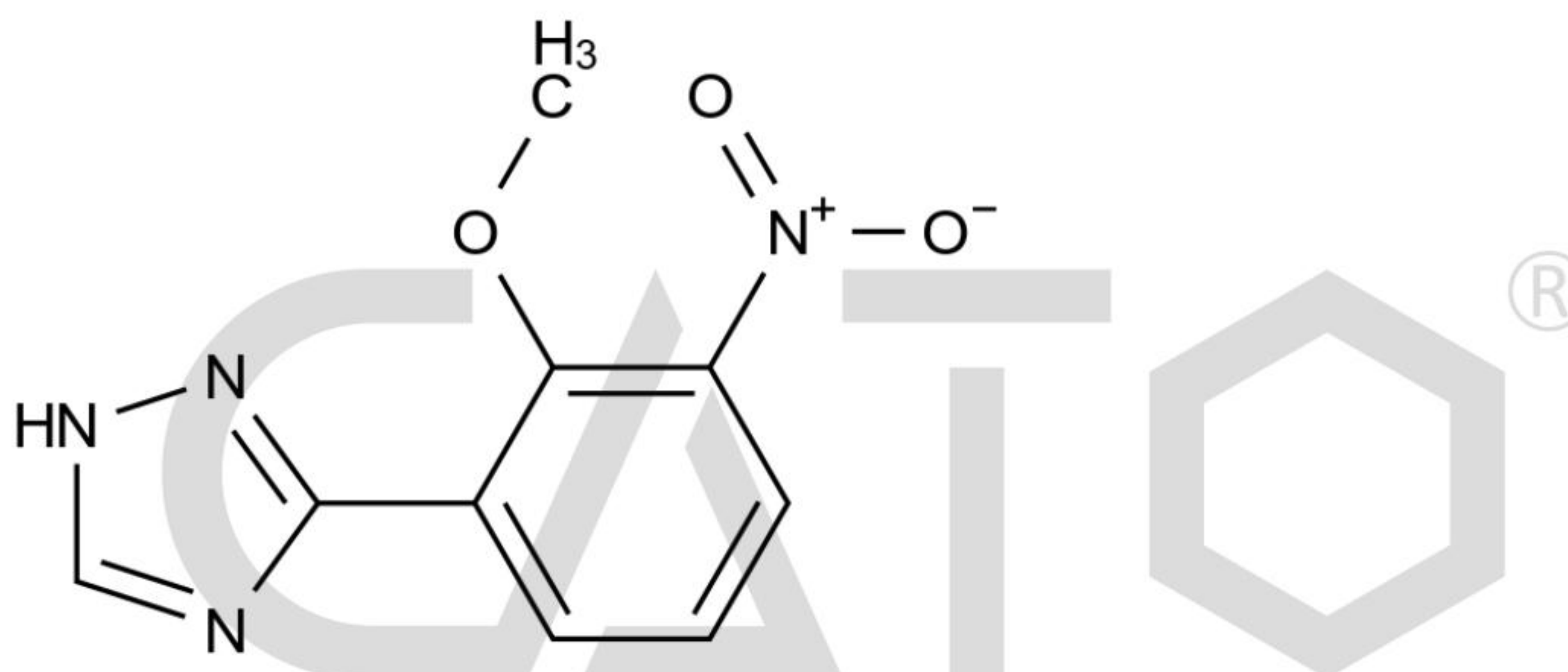
Reference Material & Standard

Product Name:	3-(2-methoxy-3-nitrophenyl)-1H-1,2,4-triazole	Catalogue Number:	C1350544
Synonyms:	N/A	Lot Number:	0423-RH-0054
CAS Number:	1609394-05-9	Expiry Date:	May 16, 2028
Molecular Formula:	C ₉ H ₈ N ₄ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	220.18	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	99.750%
Water Content	Karl Fischer	0.33%
Residual Solvents	NMR	Not detected in NMR
Assay		99.4%

Comment:

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

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Apr 24, 2026

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