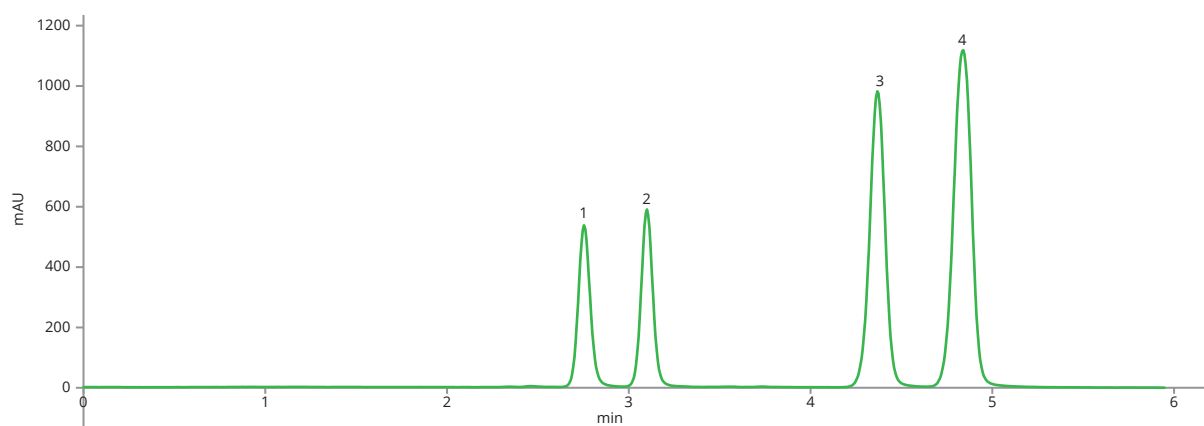


Triazoles

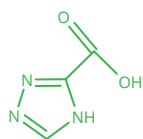
Triazoles are used as intermediates for API production. This application shows the separation of all triazoles in one analysis.

Substance

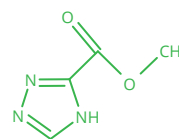
TCA, CAS Number 4928-87-4
TAM, CAS Number 3641-08-5
TME, CAS Number 4928-88-5
TCN, CAS Number 3641-10-9



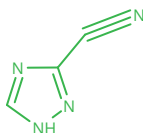
Standard on ASTRA® DM



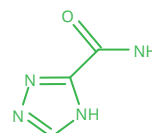
1,2,4-Triazole-3-carboxylic Acid (TCA)



Methyl 1H-1,2,4-triazole-3-carboxylate (TME)



3-Cyano-1,2,4-triazole (TCN)



2H-1,2,4-Triazole-3-carboxamide (TAM)



Triazoles

Column	ASTRA® DM, 3 µm
Dimensions	150 mm × 4.6 mm
Part number	AST-5810-IK46
Mobile phase	2mM Amonium formate + 0.1% Formic acid, pH 2.83 : MeOH (90:10)
Flow rate	1.0 ml/min
Temperature	25 °C
Detection	DAD @210 nm
Injection volume	1 µl
Analytes	1. TCA 2. TAM 3. TME 4. TCN