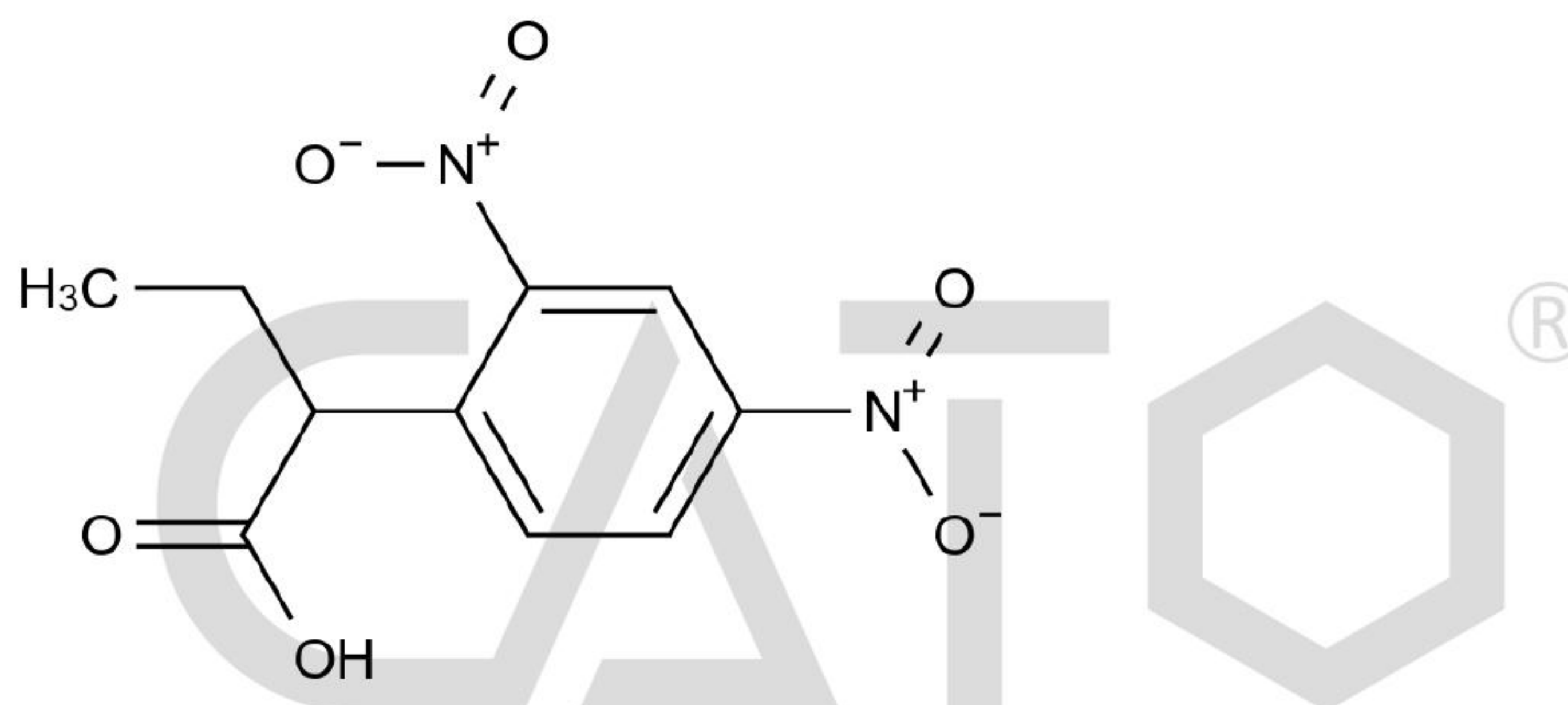


Certificate of Analysis

Reference Material & Standard

Product Name:	2-(2,4-Dinitrophenyl)butanoic Acid	Catalogue Number:	C1287744
Synonyms:	N/A	Lot Number:	0911-RH-0149
CAS Number:	1418117-86-8	Expiry Date:	Sep 20, 2030
Molecular Formula:	C ₁₀ H ₁₀ N ₂ O ₆	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	254.20	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	GCMS&HNMR	Confirmed
Purity	HPLC	98.358%
Loss on Drying	TGA	0.0221%
Assay		98.3%

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: Sep 21, 2026

Date: Sep 22, 2026

Date: Sep 22, 2026



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