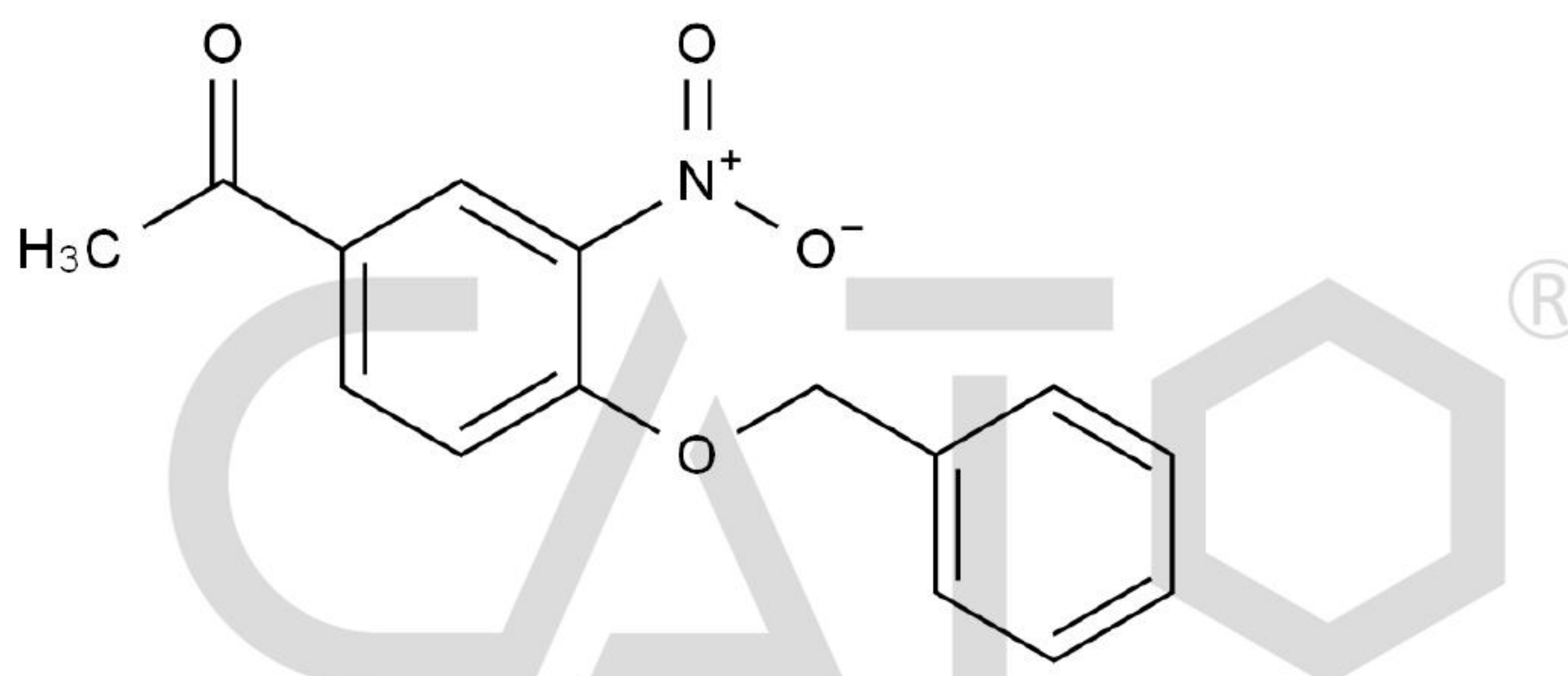


Certificate of Analysis

Reference Material & Standard

Product Name:	1-[3-nitro-4-(phenylmethoxy)phenyl]ethanone	Catalogue Number:	C4X-152566
Synonyms:	N/A	Lot Number:	1222-RG-0160
CAS Number:	14347-05-8	Expiry Date:	Dec 23, 2029
Molecular Formula:	C ₁₅ H ₁₃ NO ₄	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	271.27	Shipping Condition:	Shipping with Ice Packs
Solubility:	Acetonitrile	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	98.570%
Loss on Drying	TGA	4.1116%
Assay		94.5%

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: Dec 24, 2025

Date: Dec 24, 2025

Date: Dec 24, 2025



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