

Certificate of Analysis

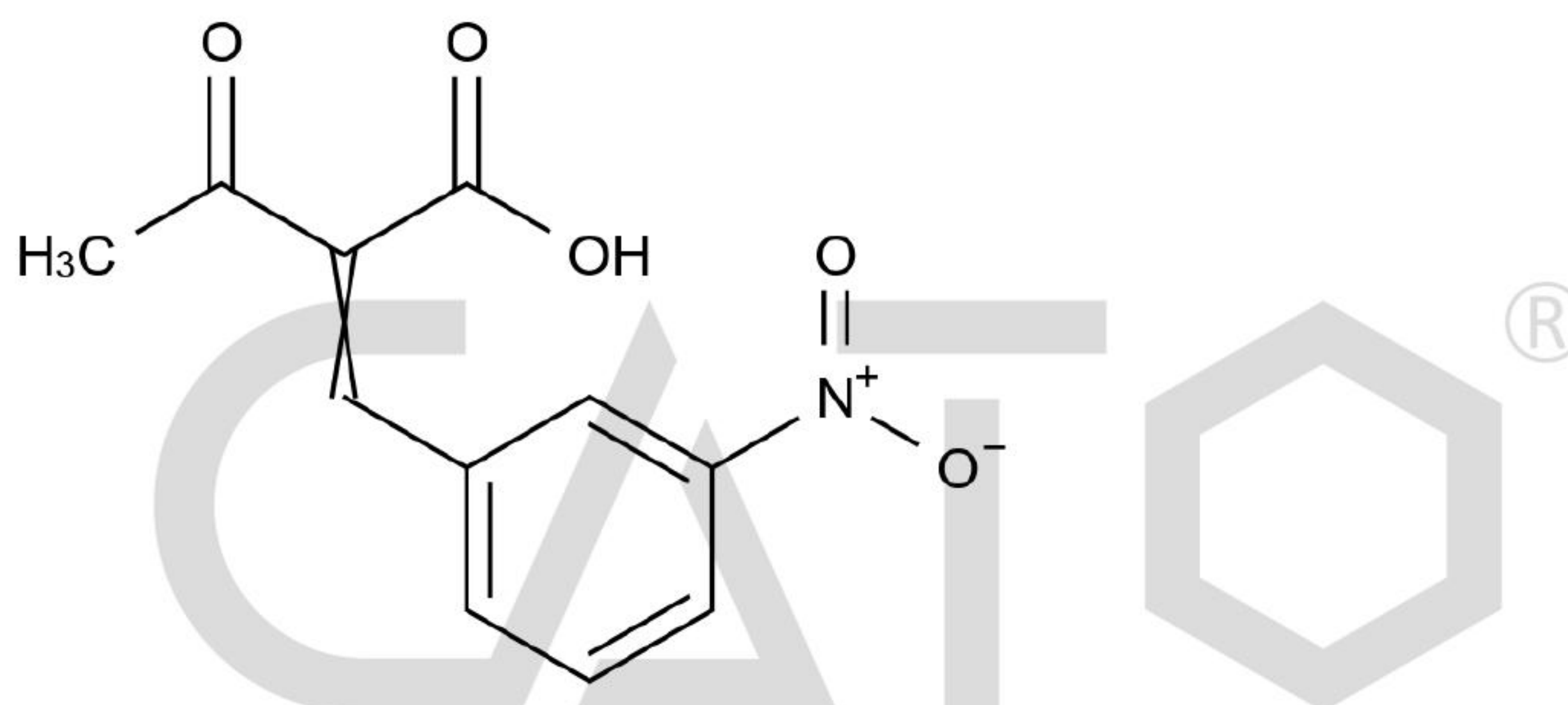
Reference Material & Standard

Product Name:	Nimodipine Impurity N15	Catalogue Number:	CP100440
Synonyms:	N/A	Lot Number:	1107-RG-0020
CAS Number:	101072-61-1	Expiry Date:	Nov 05, 2029
Molecular Formula:	C ₁₁ H ₉ NO ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	235.19	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	97.47%
Loss On Drying	TGA	0.3219%
Assay		97.2%

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:

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Date: Nov 15, 2025

Date: Nov 17, 2025

Date: Nov 17, 2025



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