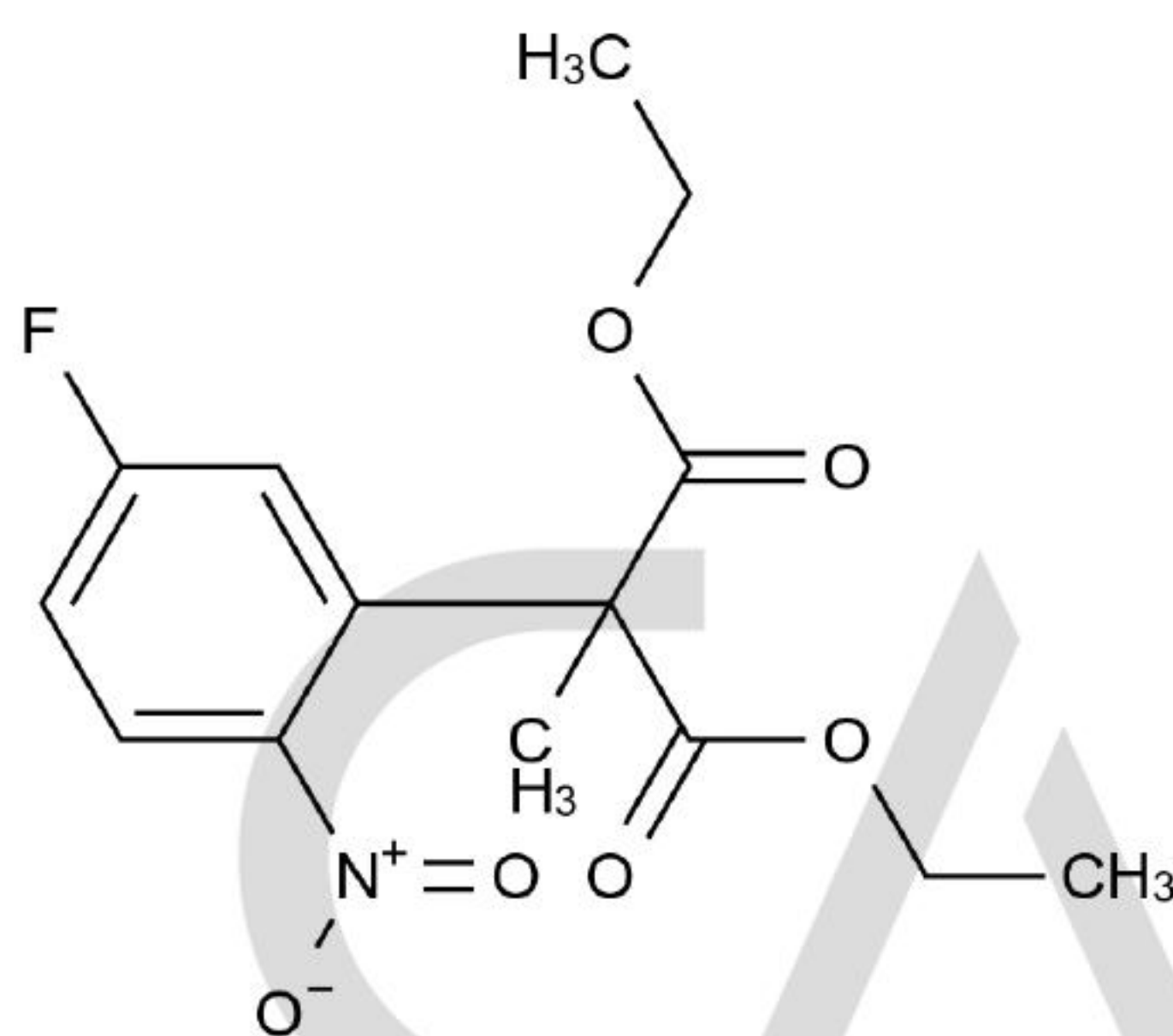


Certificate of Analysis

Reference Material & Standard

Product Name:	Flurbiprofen Impurity 54	Catalogue Number:	C4X-144454
Synonyms:	N/A	Lot Number:	0909-RG-0097
CAS Number:	N/A	Expiry Date:	Sep 11, 2029
Molecular Formula:	C ₁₄ H ₁₆ FNO ₆	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	313.28		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Liquid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.458%
Loss On Drying	TGA	0.2886%
Assay		98.2%

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:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Sep 12, 2025

Date: Sep 12, 2025

Date: Sep 12, 2025



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