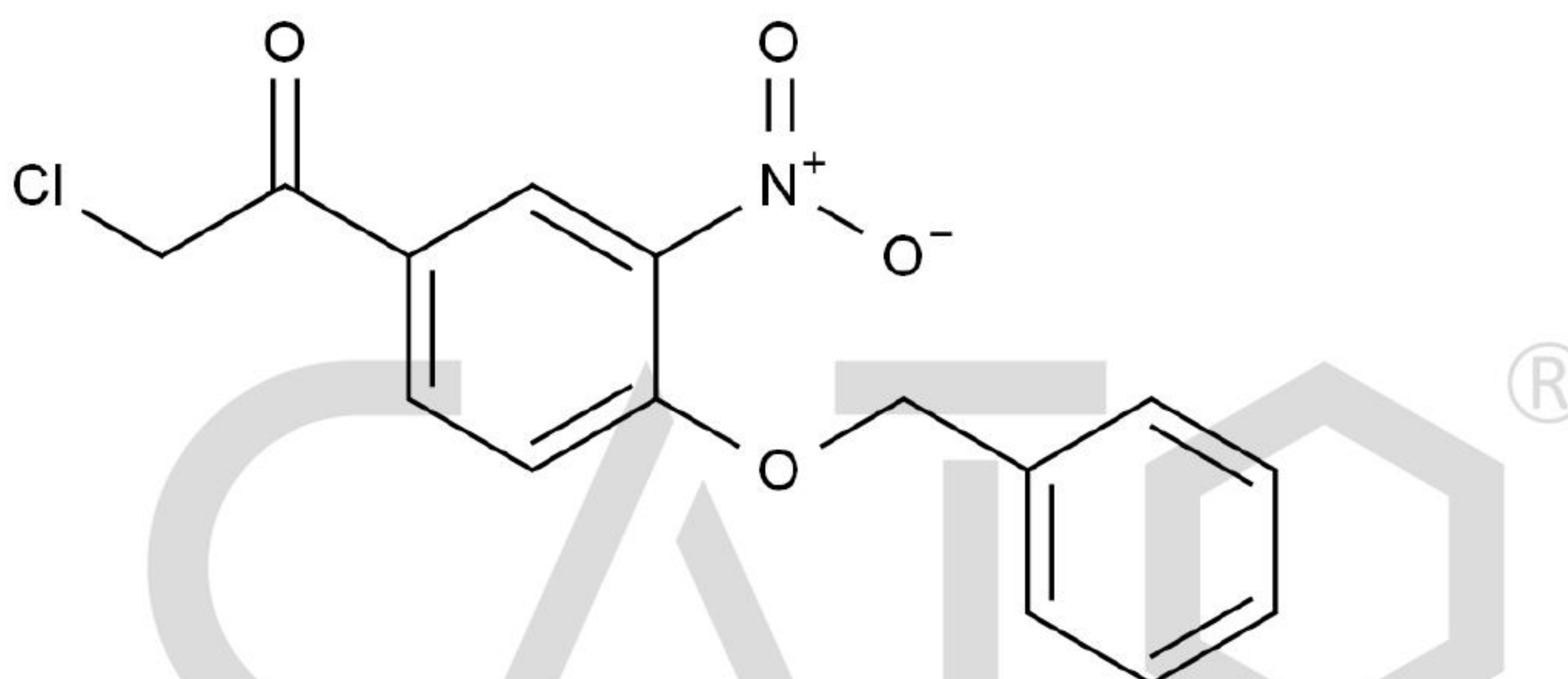


Certificate of Analysis

Reference Material & Standard

Product Name:	Formoterol Impurity 67	Catalogue Number:	C4X-152567
Synonyms:	N/A	Lot Number:	1223-RG-0015
CAS Number:	871266-45-4	Expiry Date:	Dec 18, 2029
Molecular Formula:	C ₁₅ H ₁₂ ClNO ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	305.71	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	97.6794%
Loss On Drying	TGA	1.648%
Assay		96.1%

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:

Hin Lam

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Dec 24, 2025

Date: Dec 24, 2025

Date: Dec 24, 2025



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

