

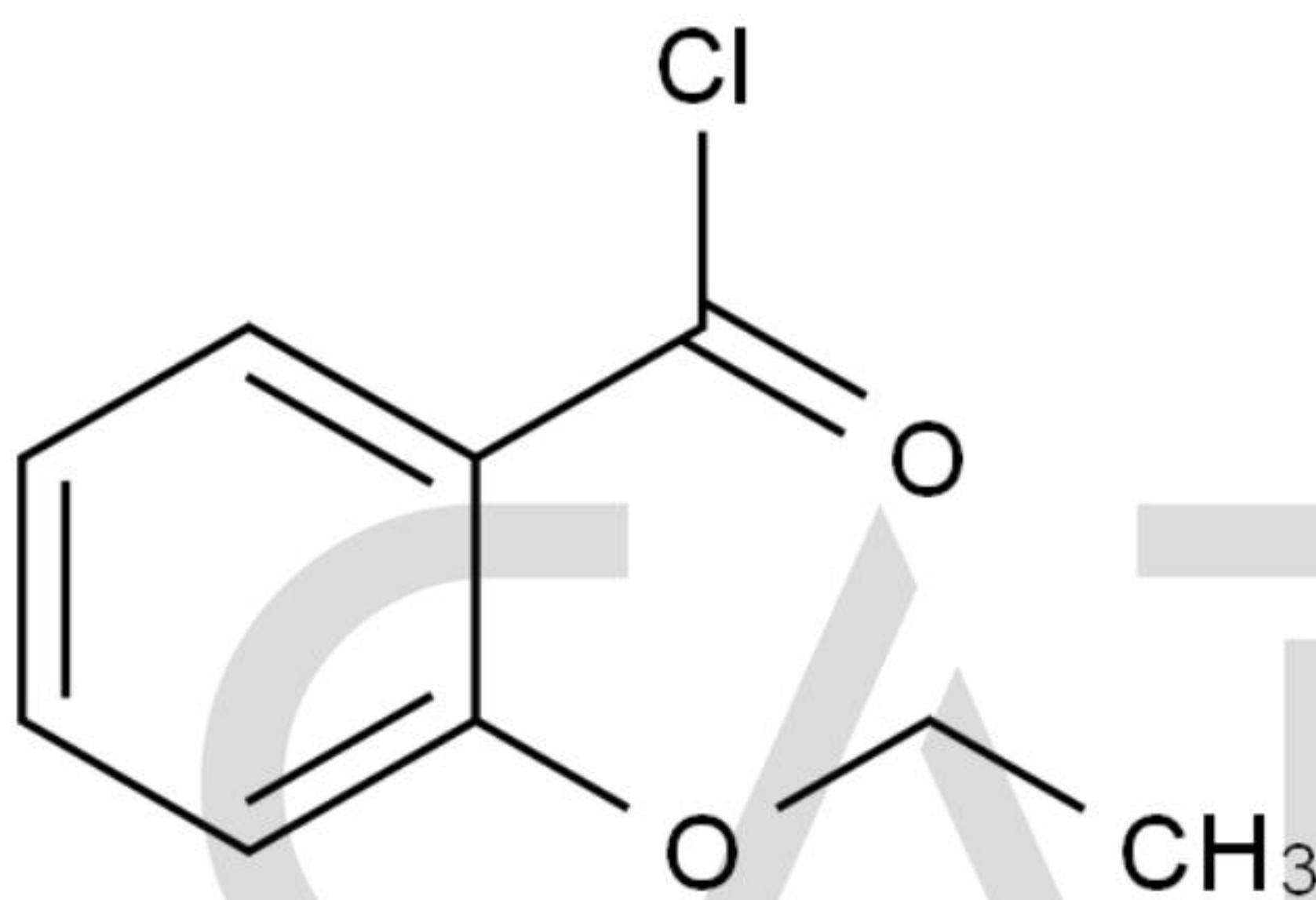
Certificate of Analysis

Reference Material & Standard

Product Name:	Sildenafil Impurity 1	Catalogue Number:	C4X-11281
Synonyms:	N/A	Lot Number:	0106-RE-0022
CAS Number:	42926-52-3	Expiry Date:	May 06, 2028
Molecular Formula:	C ₉ H ₉ ClO ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	184.62	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&IR&HNMR	Confirmed
Purity	HPLC	98.886%
Water Content	Karl Fischer	0.1303%
Residual Solvents	NMR	Not detected in NMR
Assay		98.8%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

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Reviewed by:

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Approved by General Manager:

David

Date: May 07, 2025

Date: May 08, 2025

Date: May 08, 2025

