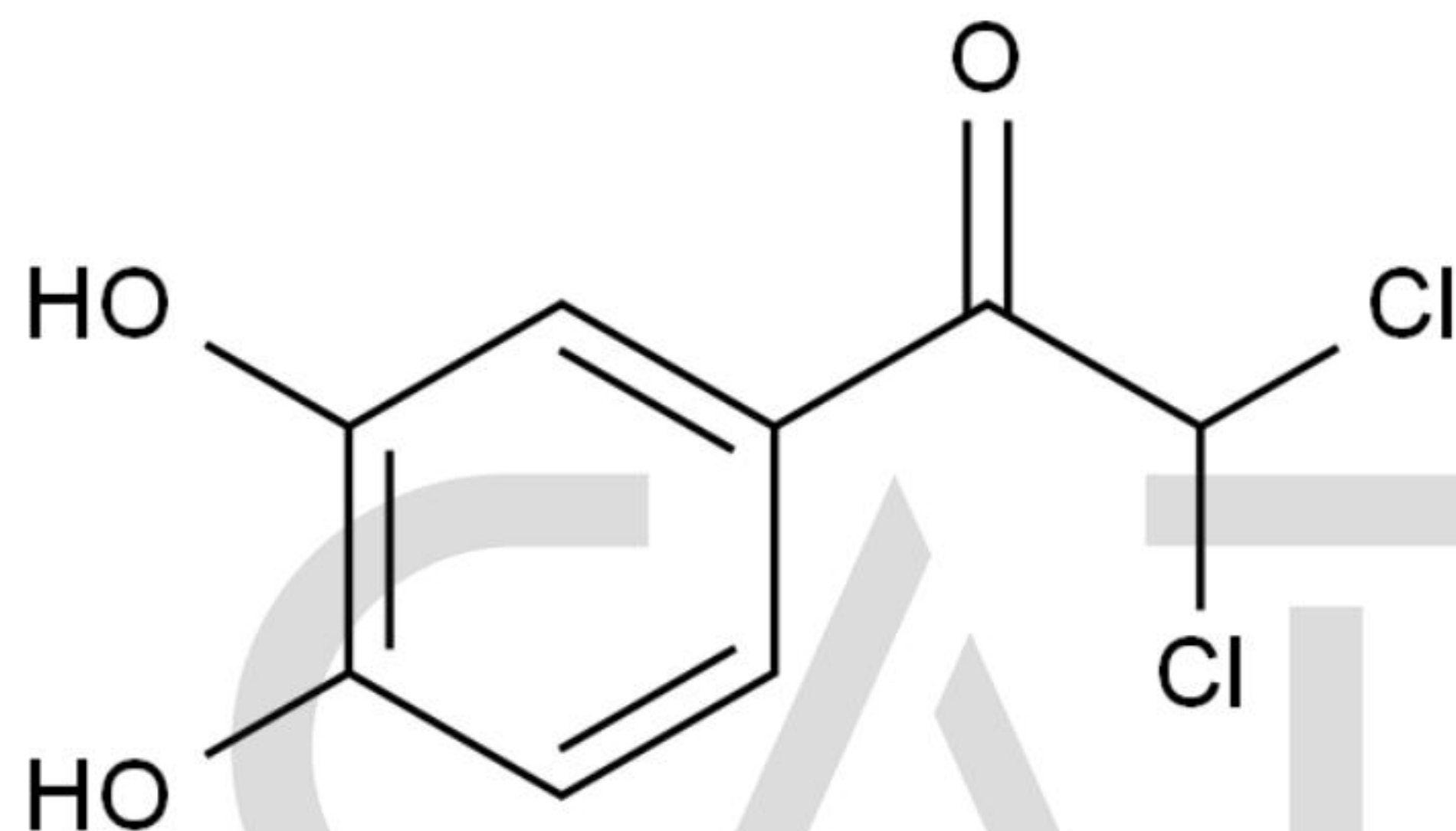


Certificate of Analysis

Reference Material & Standard

Product Name:	Norepinephrine Impurity 55	Catalogue Number:	C4X-151455
Synonyms:	2,2-Dichloro-1-(3,4-dihydroxyphenyl)ethan-1-one	Lot Number:	0314-RG-0080
CAS Number:	N/A	Expiry Date:	Mar 17, 2028
Molecular Formula:	C ₈ H ₆ Cl ₂ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	221.04	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Grey Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.519%
Loss On Drying	TGA	0.4534%
Assay		99.1%

Comment:

The calculation of the 100% 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: Mar 18, 2025

Date: Mar 18, 2025

Date: Mar 18, 2025

