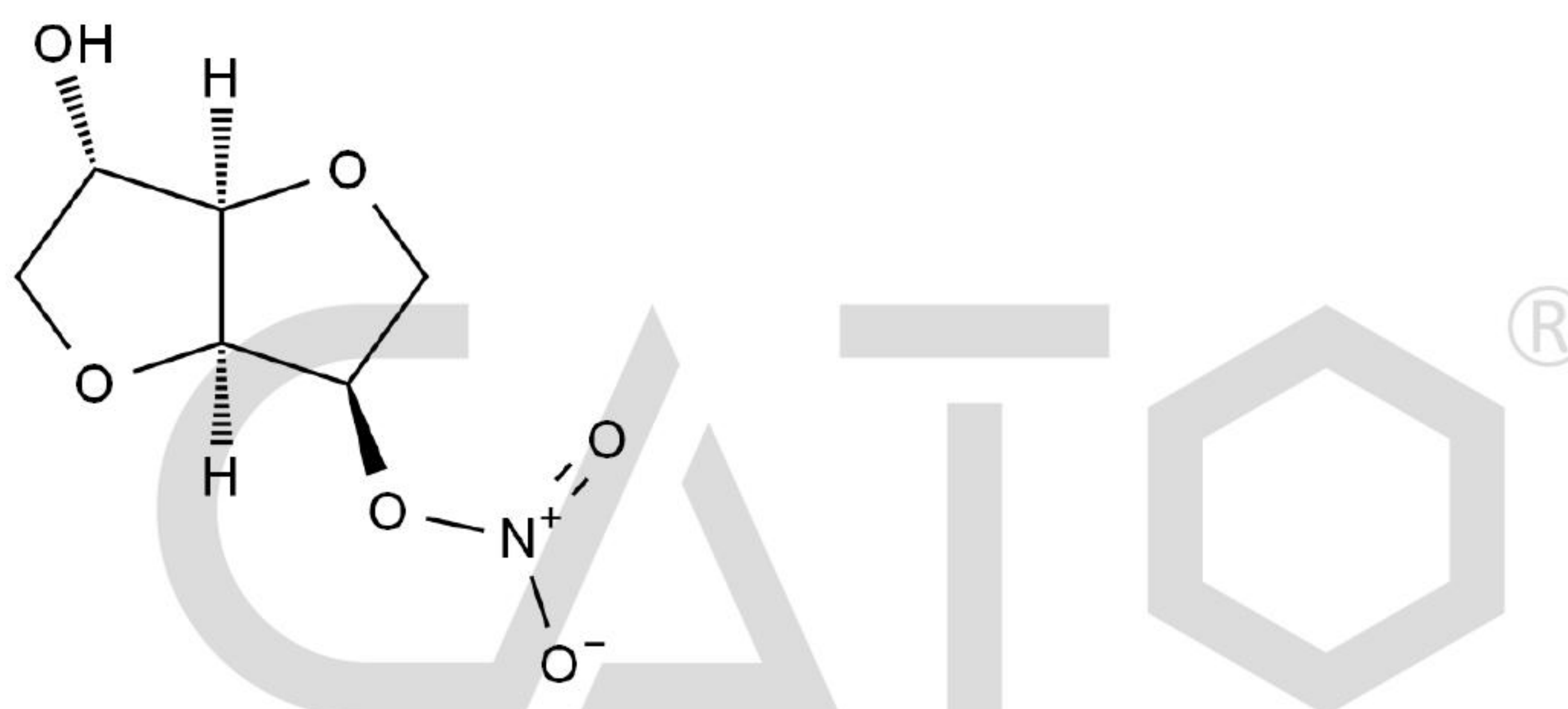


Certificate of Analysis

Reference Material & Standard

Product Name:	Isosorbide Dinitrate Impurity 13	Catalogue Number:	C4X-223813
Synonyms:	Isosorbide 5-Nitrate	Lot Number:	0130-RH-0038
CAS Number:	16051-77-7	Expiry Date:	Jan 29, 2030
Molecular Formula:	C ₆ H ₉ NO ₆	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	191.14	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Loss On Drying	TGA	0.0356%
Assay		99.96%

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: Jan 30, 2026

Date: Jan 30, 2026

Date: Jan 30, 2026



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>

