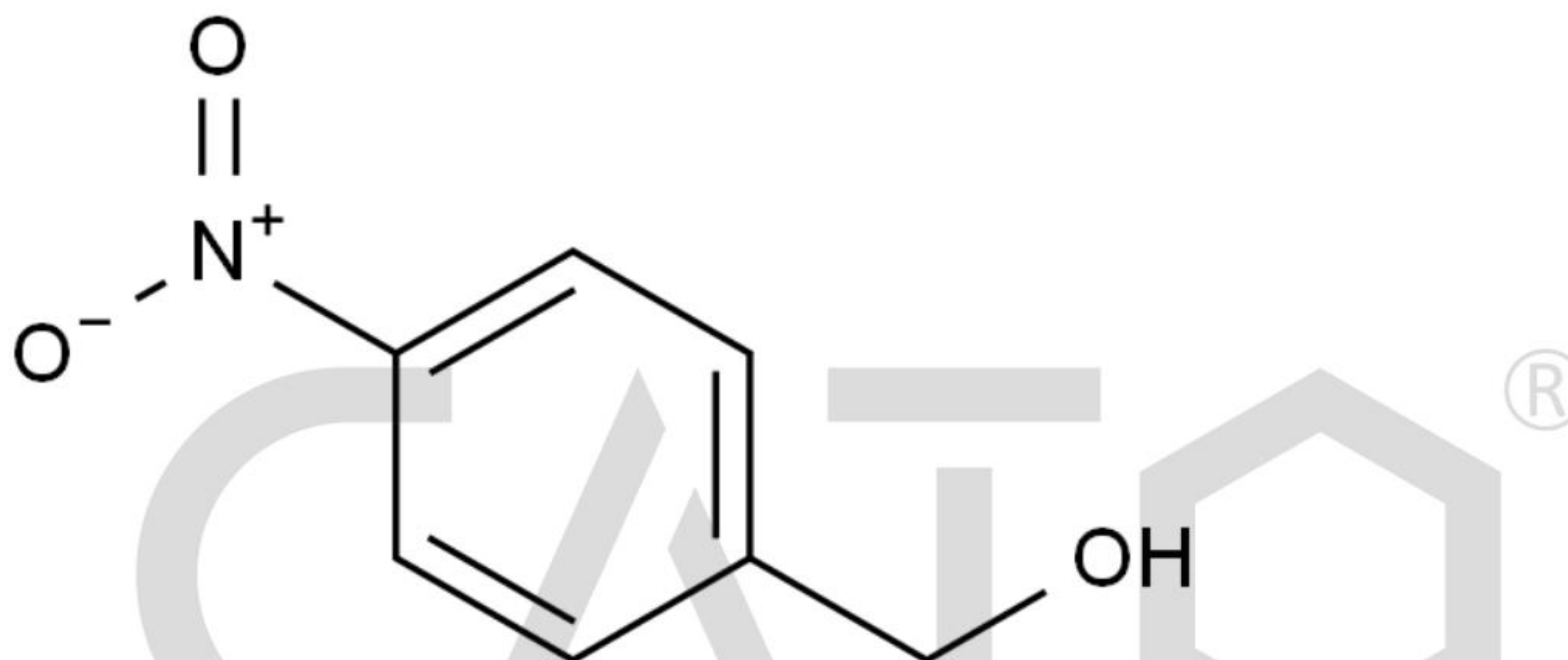


Certificate of Analysis

Reference Material & Standard

Product Name:	Gadobutrol Impurity 111	Catalogue Number:	C4X-2120111
Synonyms:	4-Nitrobenzyl Alcohol	Lot Number:	0617-RG-0030
CAS Number:	619-73-8	Expiry Date:	Jun 16, 2028
Molecular Formula:	C ₇ H ₇ NO ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	153.14	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.9%
Assay	qNMR	99.6%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jun 17, 2025

Date: Jun 17, 2025

Date: Jun 17, 2025

