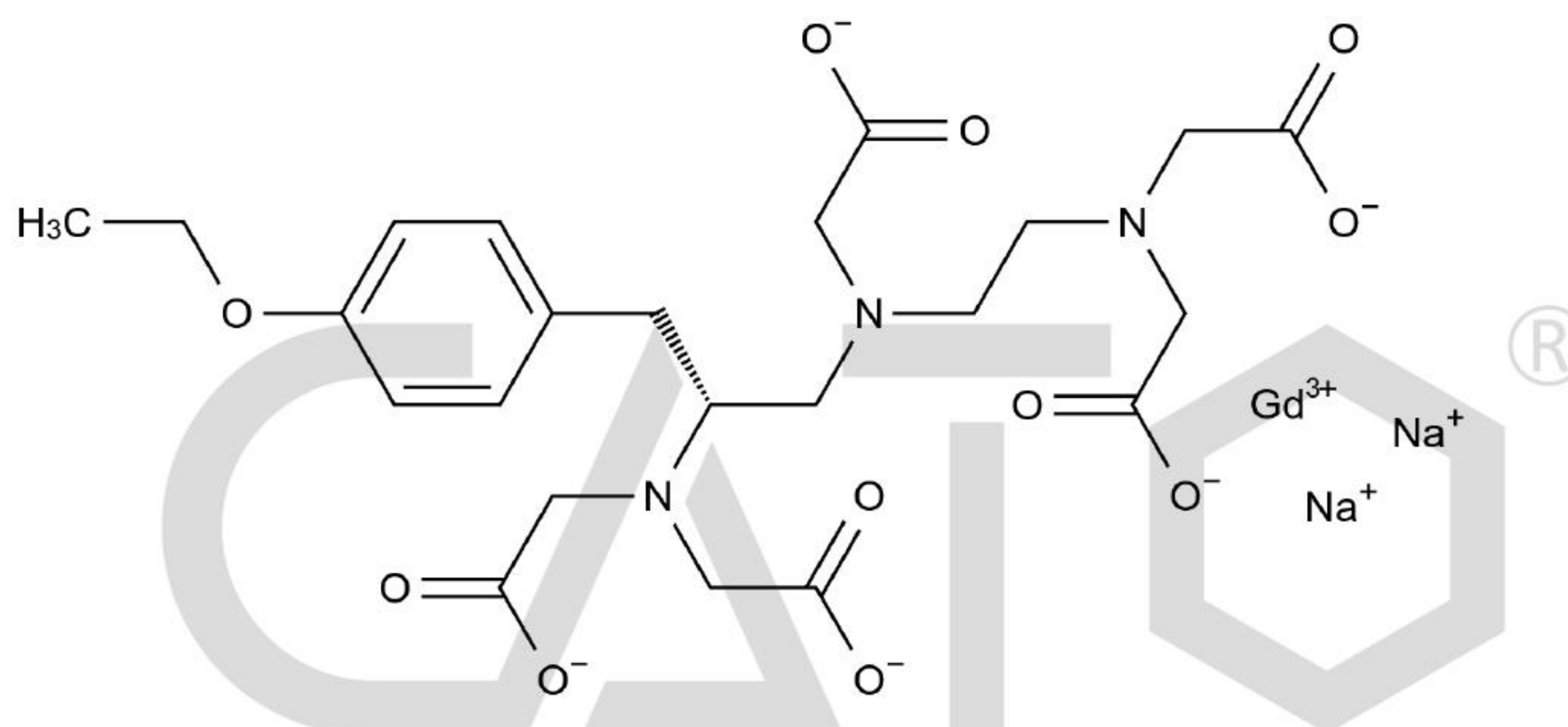


Certificate of Analysis

Reference Material & Standard

Product Name:	Gadoxetate Impurity 5	Catalogue Number:	C4X-26185
Synonyms:	N/A	Lot Number:	0428-RG-0033
CAS Number:	158599-73-6(free base)	Expiry Date:	Dec 11, 2027
Molecular Formula:	C ₂₃ H ₂₈ N ₃ O ₁₁ Gd 2*Na	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	522.48 157.25 2*22.99	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.806%
Water Content	Karl Fischer	12.39%
Residual Solvents	NMR	0.21% tert-butyl alcohol
Assay		86.4%

Comment:

The calculation of the mass balance 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:

Lily

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: May 12, 2025

Date: May 12, 2025

Date: May 12, 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>

