

Certificate of Analysis

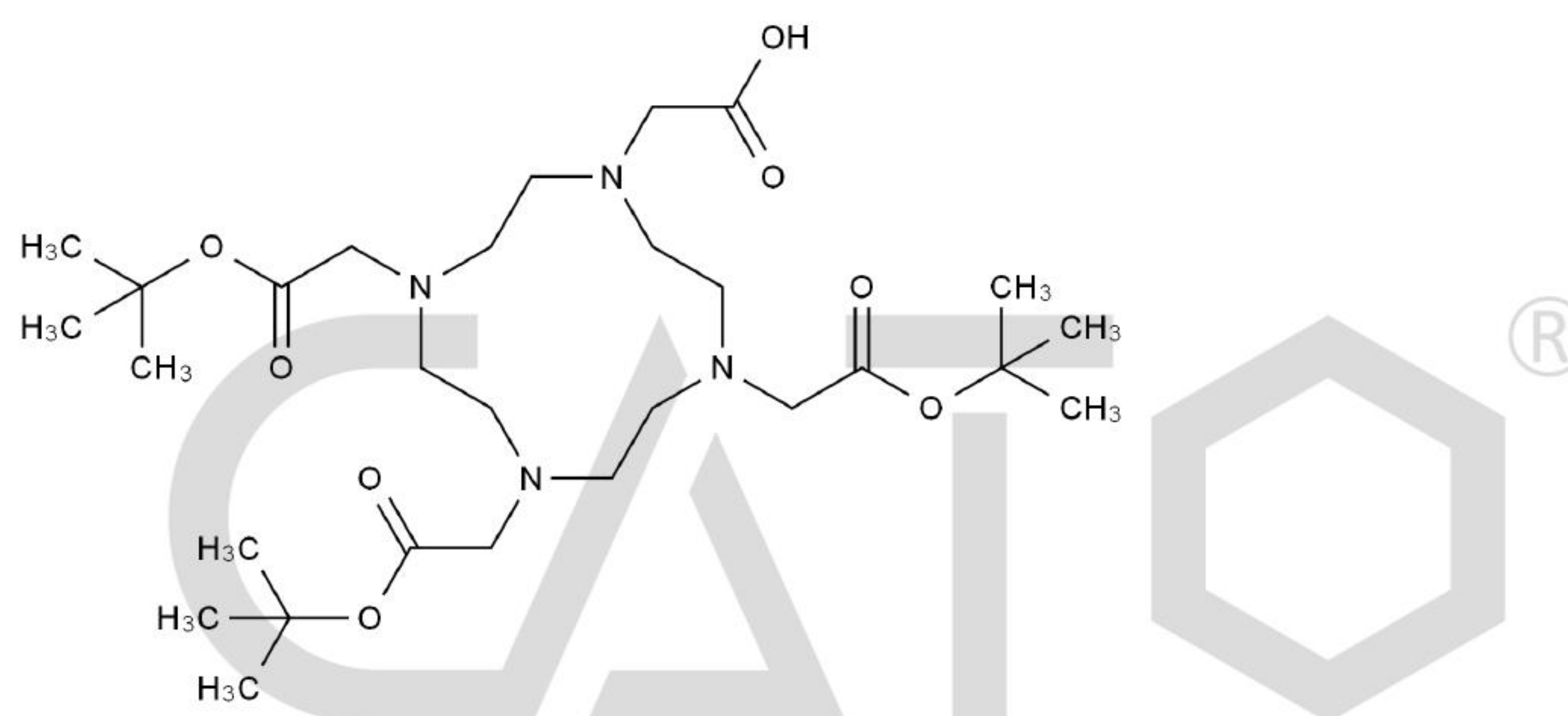
Reference Material & Standard

Product Name:	DOTA(OtBu) ₃	Catalogue Number:	CPTD785931
Synonyms:	N/A	Lot Number:	0423-RH-0012
CAS Number:	137076-54-1	Expiry Date:	Apr 27, 2030
Molecular Formula:	C ₂₈ H ₅₂ N ₄ O ₈	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	572.73	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	ELSD	92.004%
Loss on Drying	TGA	2.0955%
Assay		90.1%

Comment:

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

Assay (%) = (100% - Loss on Drying) * Purity ELSD (%) / 100%

Loss on Drying is considered as absolute effect, ELSD purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Apr 28, 2026

Date: Apr 28, 2026

Date: Apr 28, 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>

