

Certificate of Analysis

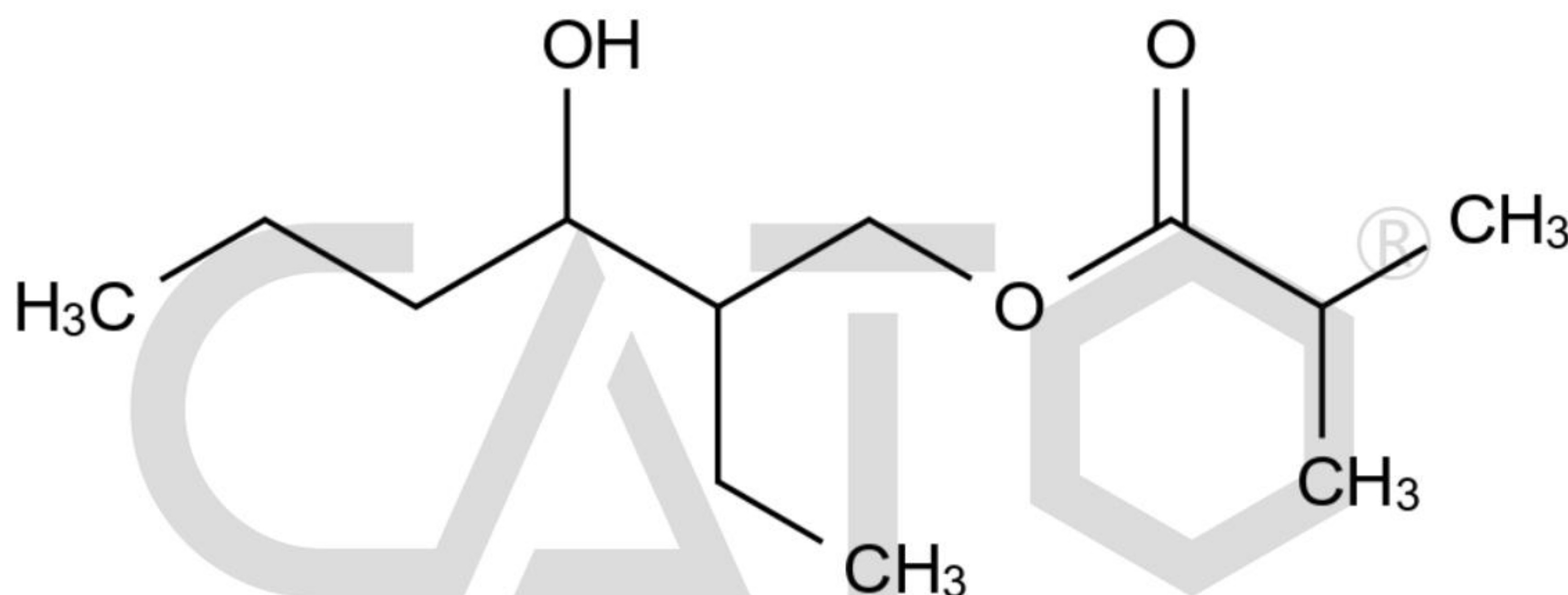
Reference Material & Standard

Product Name:	2-Ethyl-3-hydroxyhexyl 2-Methylpropanoate	Catalogue Number:	C1627248
Synonyms:	N/A	Lot Number:	0622-RH-0051
CAS Number:	74367-31-0	Expiry Date:	Jun 04, 2030
Molecular Formula:	C ₁₂ H ₂₄ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	216.32	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	LCMS&IR&HNMR	Confirmed
Purity	GC	97.2991%
Water Content	Karl Fischer	0.60%
Residual Solvents	NMR	Not detected in NMR
Assay		96.7%

Comment:

- The compound contains 2.2% isomeric impurity (RT 13.57) according to its GC and GC-MS.
- The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Water Content} - \text{Residual Solvents}) * \text{Purity GC (\%)} / 100\%$$
 Water Content and Residual Solvents are considered as absolute effect, GC purity is considered as relative effect.

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Jun 23, 2026

Date: Jun 24, 2026

Date: Jun 24, 2026



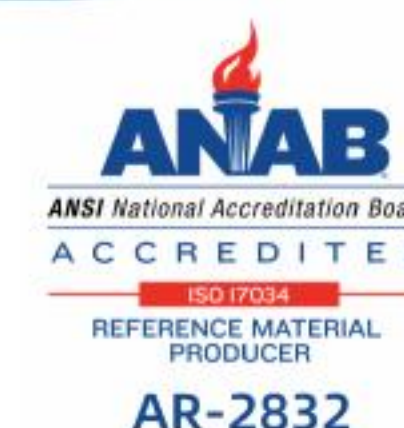
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

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