

Certificate of Analysis

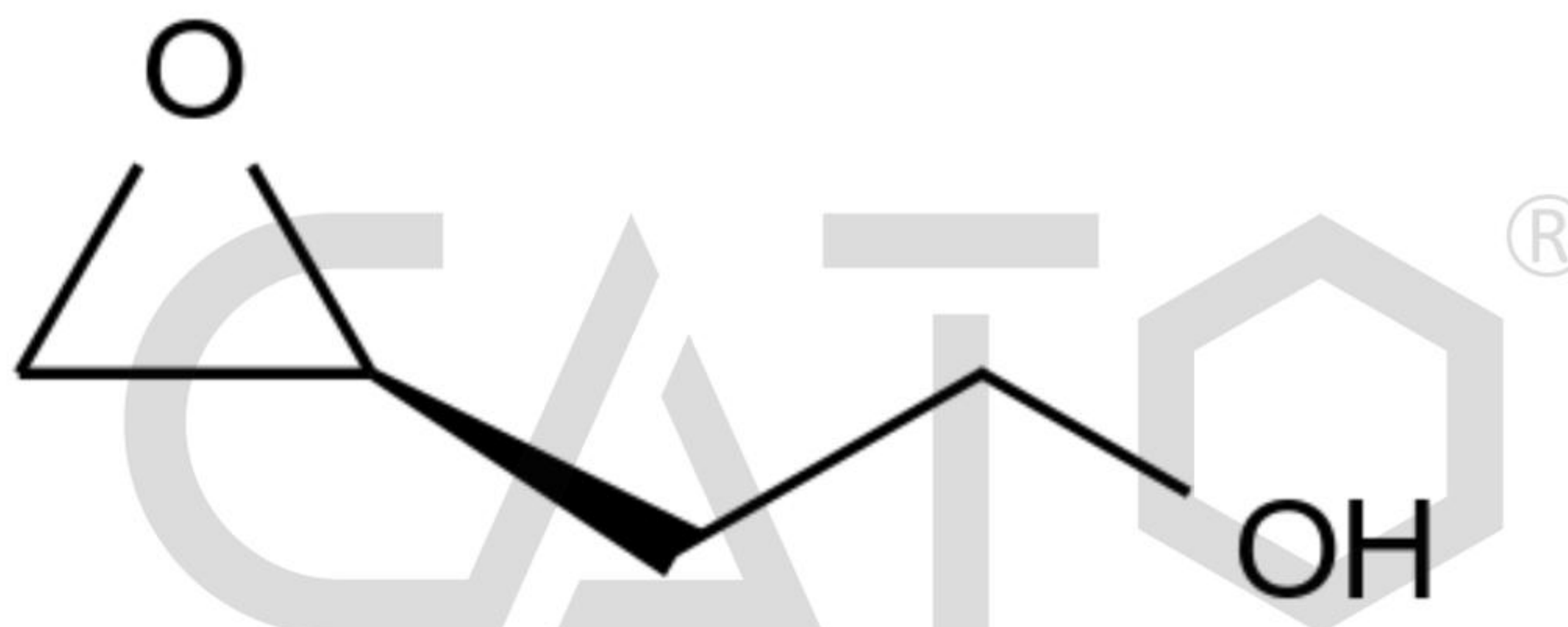
Reference Material & Standard

Product Name:	2-[(2S)-oxiran-2-yl]ethan-1-ol	Catalogue Number:	C1497160
Synonyms:	N/A	Lot Number:	1118-RG-0056
CAS Number:	95404-59-4	Expiry Date:	Nov 20, 2029
Molecular Formula:	C ₄ H ₈ O ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	88.11	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	GC	98.211%
Water Content	Karl Fischer	2.3878%
Assay		95.9%

Comment:

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

Assay (%) = (100% - Water Content) * Purity GC (%) / 100%

Water Content is considered as absolute effect, GC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Nov 21, 2025

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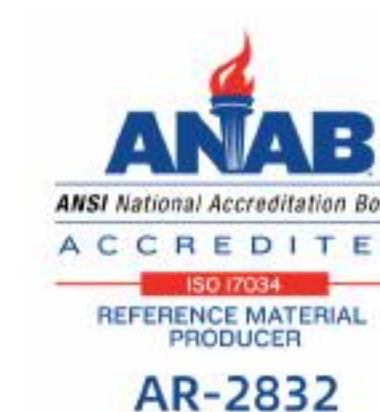
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