

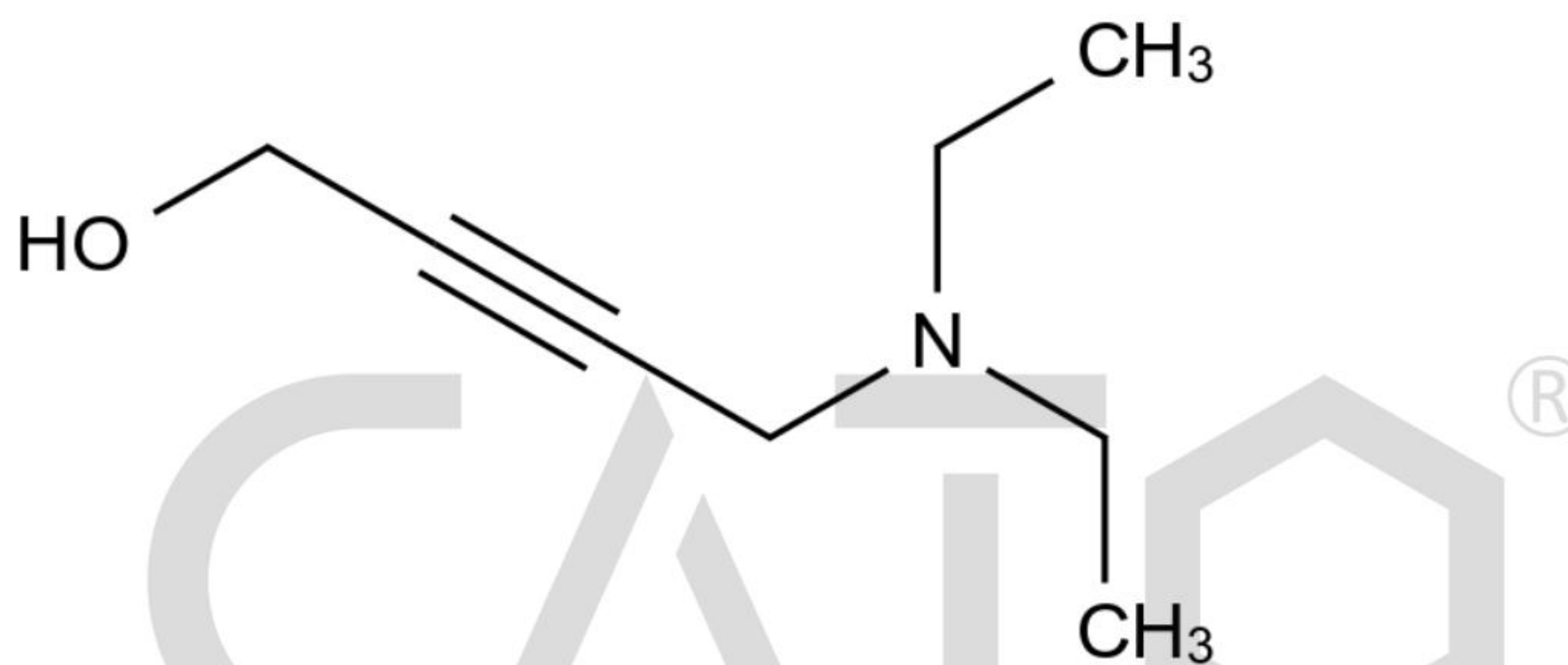
Certificate of Analysis

Reference Material & Standard

Product Name:	4-(Diethylamino)-2-butyne-1-ol	Catalogue Number:	C1041580
Synonyms:	N/A	Lot Number:	0616-RG-0101
CAS Number:	10575-25-4	Expiry Date:	Jun 17, 2029
Molecular Formula:	C ₈ H ₁₅ NO	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	141.21	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Brown Liquid
Identification	GCMS&HNMR	Confirmed
Purity	GC	100.000%
Water Content	Karl Fischer	1.5142%
Assay		98.5%

Comment:

The calculation of the 100% 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: Jun 18, 2025

Date: Jun 18, 2025

Date: Jun 18, 2025

