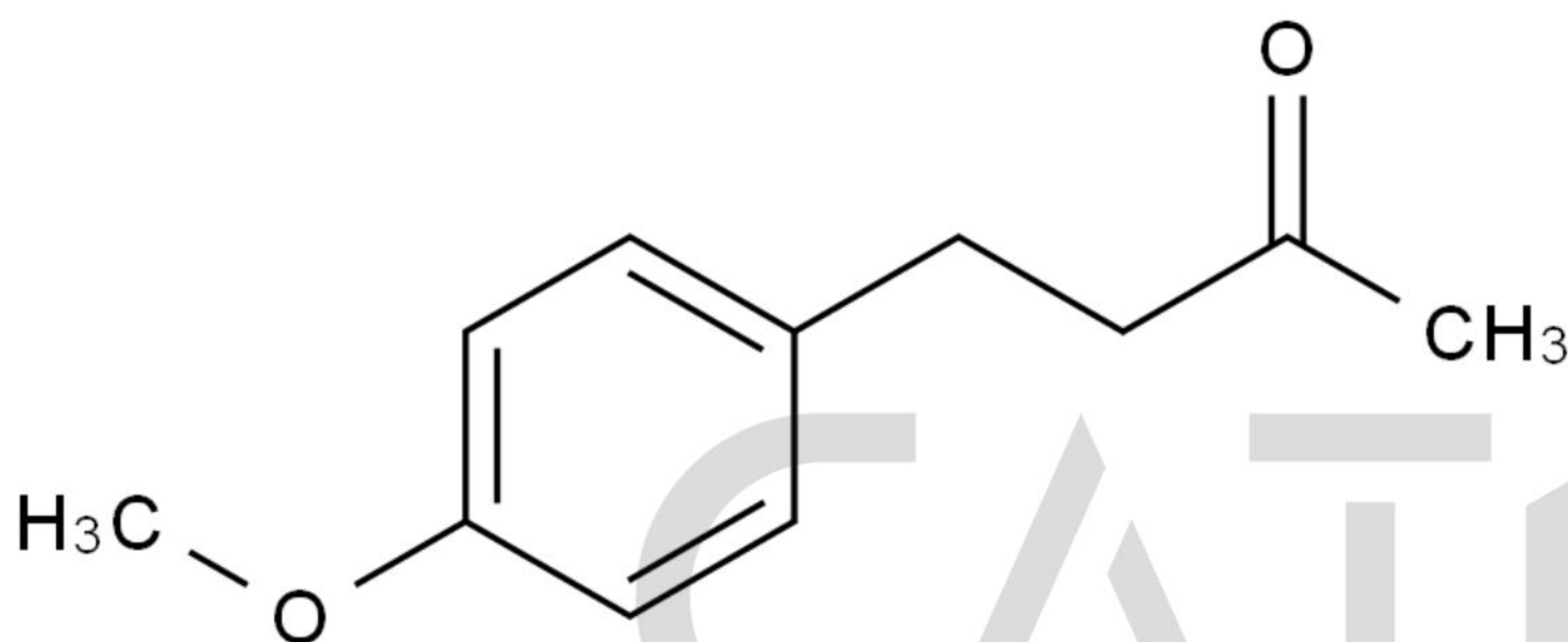


Certificate of Analysis

Reference Material & Standard

Product Name:	Dobutamine Impurity 4	Catalogue Number:	C4X-12984
Synonyms:	N/A	Lot Number:	1103-RE-0018
CAS Number:	104-20-1	Expiry Date:	Nov 07, 2026
Molecular Formula:	C ₁₁ H ₁₄ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	178.23		
Chemical Structure:			



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&CNMR&HNMR	Confirmed
Purity	HPLC	99.5%
Assay	qNMR	99.0%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Aporoved by General Manager:

David

Date: Nov 08, 2023

Date: Nov 08, 2023

Date: Nov 08, 2023

