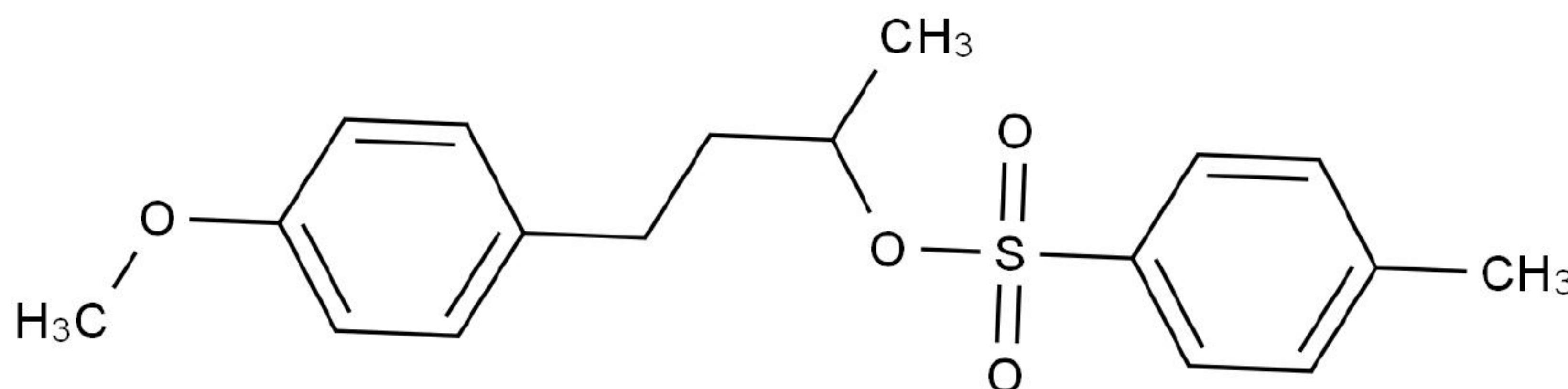


Certificate of Analysis

Reference Material

Product Name:	Dobutamine Impurity 7	Catalogue Number:	C4X-12987
Chemical Name:	N/A	Lot Number:	1209-RD-0062
CAS Number:	126521-63-9	Expiry Date:	Dec 14, 2025
Molecular Formula:	C18H22O4S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	334.43		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Sticky Liquid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	100.000%
Loss On Drying	TGA	0.2711%
Assay		99.7%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Debia

Reviewed by:

Yuki

Aproved by General manager:

David

Date: Dec 15, 2022

Date: Dec 19, 2022

Date: Dec 19, 2022

