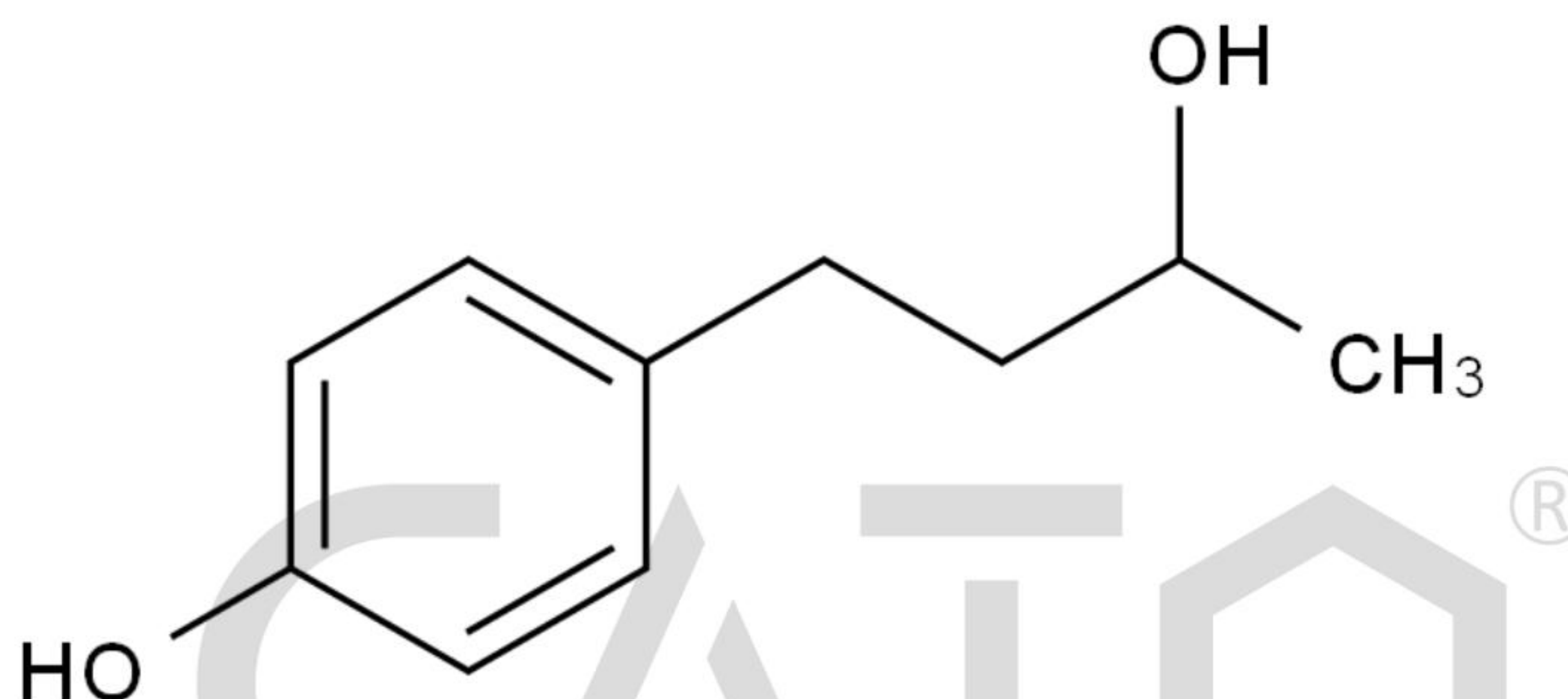


Certificate of Analysis

Reference Material

Product Name:	Dobutamine Impurity 5	Catalogue Number:	C4X-12985
Chemical Name:	N/A	Lot Number:	0728-RE-0099
CAS Number:	69617-84-1	Expiry Date:	Jul 27, 2026
Molecular Formula:	C ₁₀ H ₁₄ O ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	166.22		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Loss On Drying	TGA	0.1307%
Assay		99.9%

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:

Koi

Reviewed by:

Lisa

Aporoved by General manager:

David

Date: Jul 28, 2023

Date: Jul 28, 2023

Date: Jul 28, 2023

