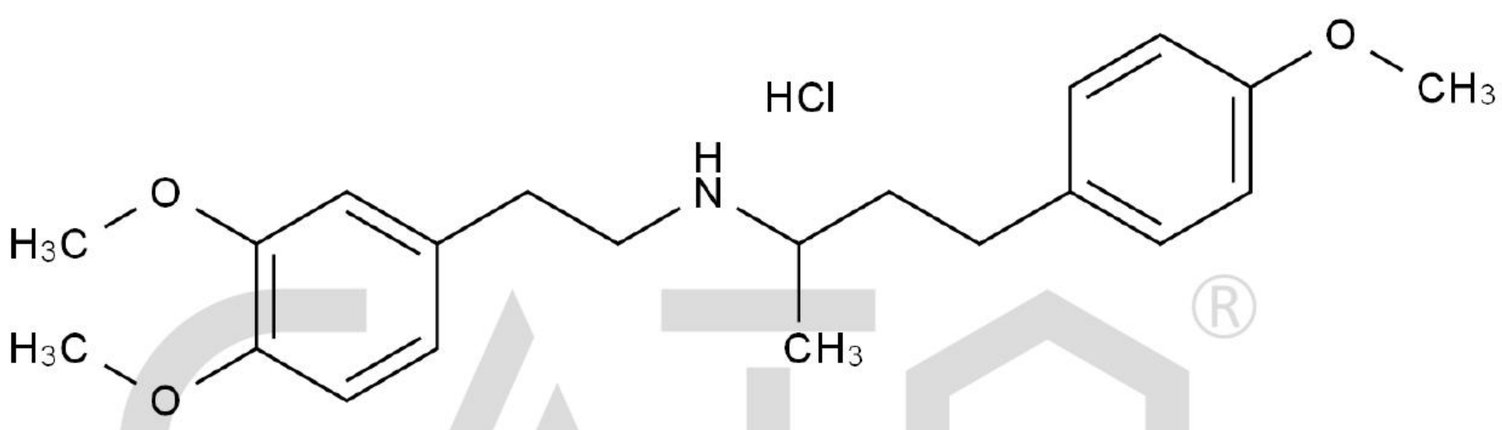
Certificate of Analysis

Reference Material & Standard

Product Name:	Dobutamine EP Impurity C HCl	**Catalogue Number:**	C4X-12983
Synonyms:	N/A	**Lot Number:**	1015-RF-0067
CAS Number:	51062-14-7	**Expiry Date:**	Nov 11, 2030
Molecular Formula:	$C_{21}H_{29}NO_3$ HCl	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	343.46 36.46	**Shipping Condition:**	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.8%
Assay	qNMR	95.2%

CATO Research Chemicals Inc.

Signature:

Prepared by: Koji Date: Nov 12, 2026

Reviewed by: Lisa Date: Nov 12, 2026

Approved by General Manager: David Date: Nov 12, 2026

CATO Research Chemicals Inc.