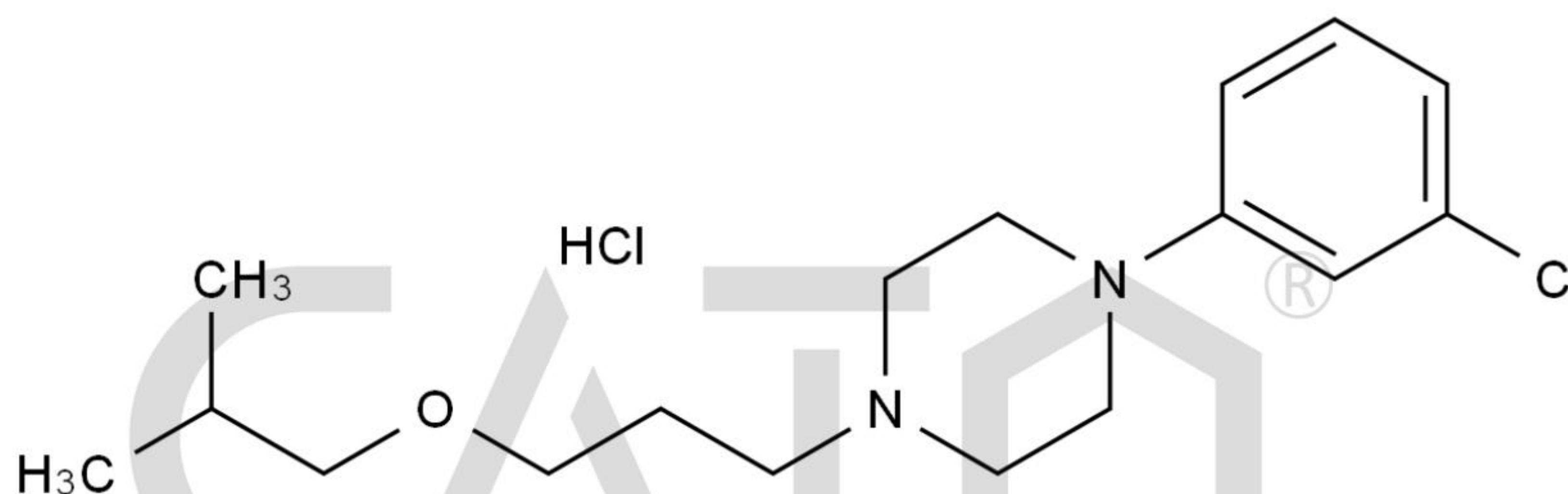


Certificate of Analysis

Reference Material & Standard

Product Name:	Trazodone EP Impurity G HCl	Catalogue Number:	C4X-177211
Synonyms:	1-(3-Chlorophenyl)-4-(3-isobutoxypropyl) piperazine Hydrochloride	Lot Number:	0313-RH-0060
CAS Number:	2470441-00-8	Expiry Date:	Apr 07, 2030
Molecular Formula:	C ₁₇ H ₂₇ ClN ₂ O HCl	Storage:	2°C ~ 8°C Sealed
Molecular Weight:	310.86 36.46	Shipping Condition:	Shipping at Room Temperature
Solubility:	Soluble in Acetonitrile and DMSO		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	97.808%
Residue on Ignition	TGA	0.2693%
Loss on Drying	TGA	0.3443%
Assay	qNMR	97.0%
Assay	Mass Balance	97.2%

Comment:

- The retest date of this product is Apr 07, 2029.
- The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Residue on Ignition} - \text{Loss on Drying}) * \text{Purity HPLC (\%)} / 100\%$$
Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Alice

Approved by General Manager:

David

Date: Apr 08, 2026

Date: Apr 08, 2026

Date: Apr 08, 2026



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