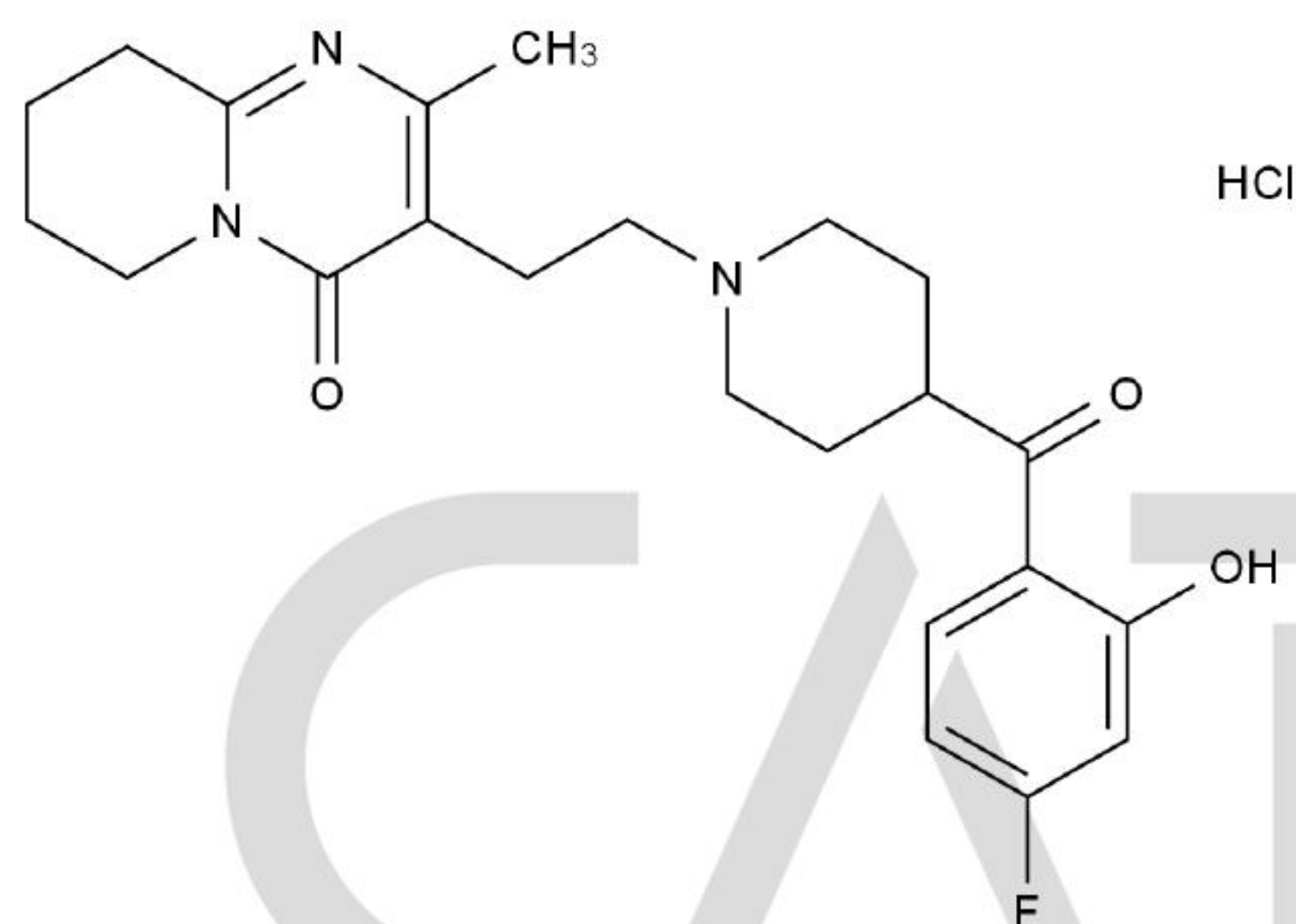


Certificate of Analysis

Reference Material & Standard

Product Name:	Risperidone Impurity 34	Catalogue Number:	C4X-111134
Synonyms:	N/A	Lot Number:	1101-RC-0057
CAS Number:	152542-00-2(free base)	Expiry Date:	Jul 22, 2024
Molecular Formula:	C ₂₃ H ₂₈ FN ₃ O ₃ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	413.49 36.46		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.0898%
Loss on Drying	TGA	2.20%
Assay		95.9%

Comment:

The calculation of the mass balance 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:

Cady

Approved by General Manager:

David

Date: Nov 01, 2021

Date: Nov 01, 2021

Date: Nov 01, 2021

Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>