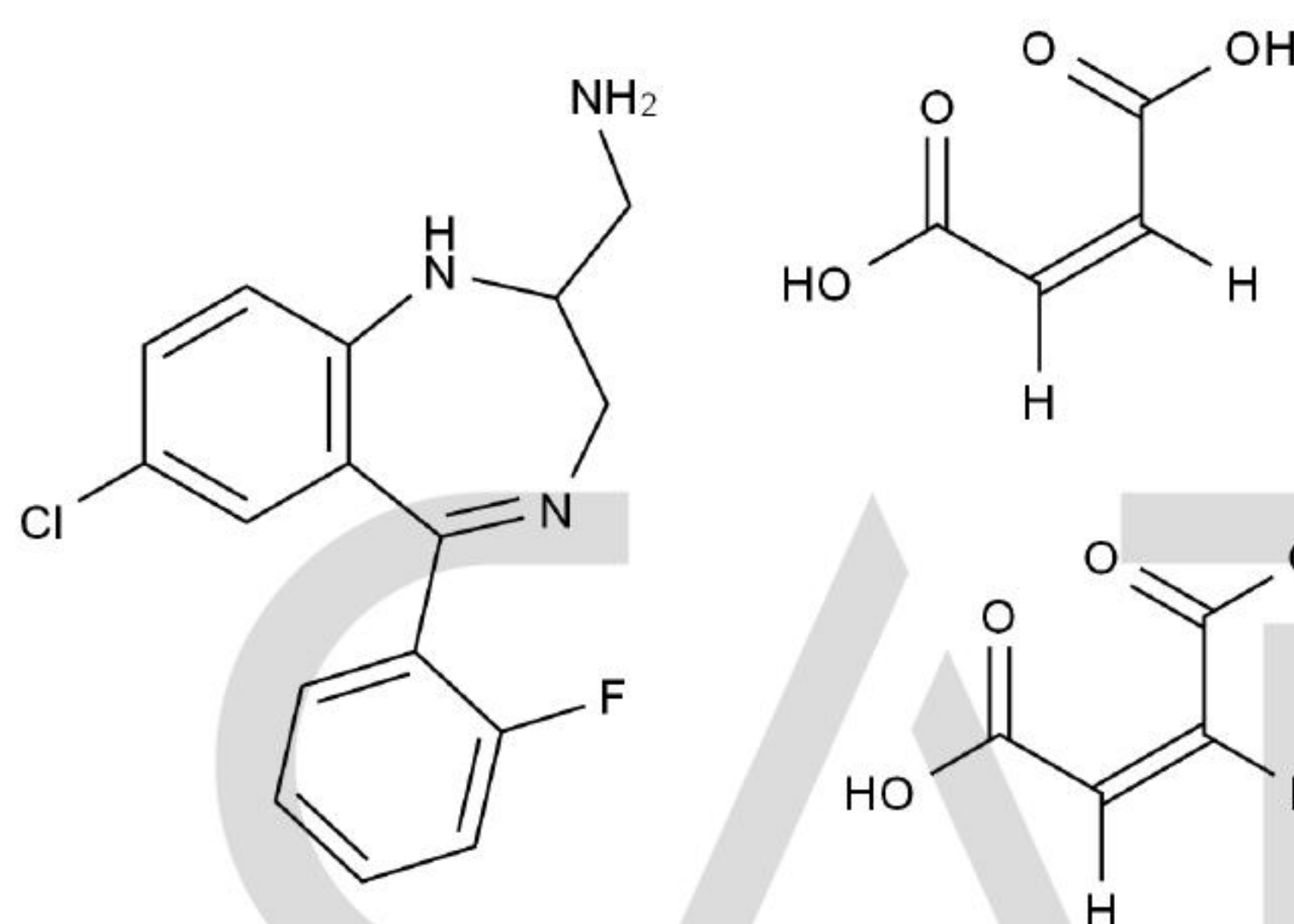


Certificate of Analysis

Reference Material & Standard

Product Name:	Midazolam EP Impurity E DiMaleate Salt	Catalogue Number:	C4X-15095
Synonyms:	N/A	Lot Number:	0817-RD-0022
CAS Number:	59469-29-3	Expiry Date:	Aug 28, 2025
Molecular Formula:	$C_{16}H_{15}ClFN_3 \cdot 2 \cdot C_4H_4O_4$	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	303.76 $\cdot$ 2 $\cdot$ 116.07		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Powder
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	98.699%
Loss on Drying	TGA	0.1043%
Assay		98.6%

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:

Xenia

Approved by General Manager:

David

Date: Aug 29, 2022

Date: Aug 30, 2022

Date: Aug 30, 2022



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>

