

Certificate of Analysis

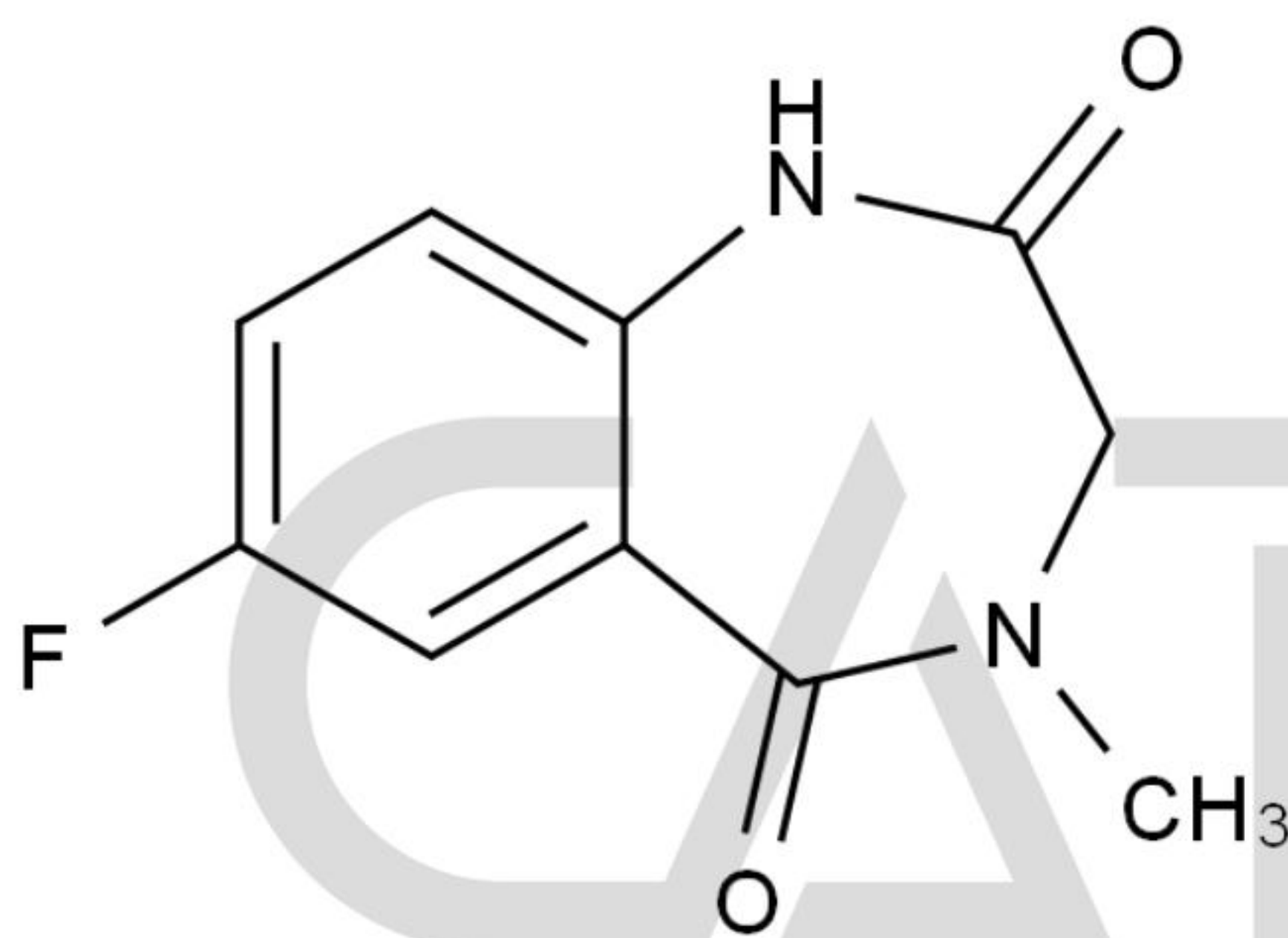
Reference Material & Standard

Product Name:	Flumazenil EP Impurity D	Catalogue Number:	C4X-14324
Synonyms:	N/A	Lot Number:	0424-RF-0081
CAS Number:	78755-80-3	Expiry Date:	Dec 21, 2029
Molecular Formula:	C ₁₀ H ₉ FN ₂ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	208.19	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.959%
Loss On Drying	TGA	0.0356%
Assay		99.9%

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:

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Date: Dec 22, 2025

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