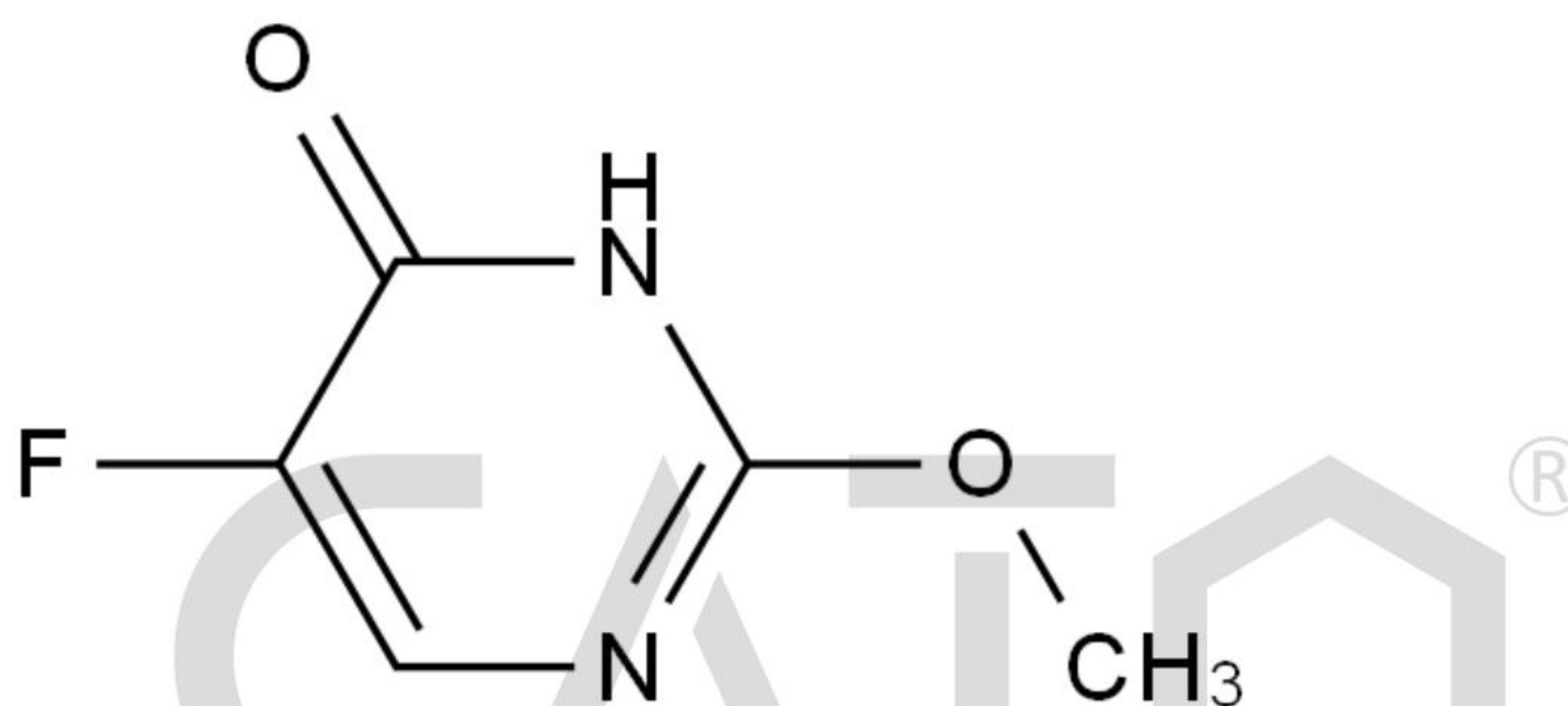


Certificate of Analysis

Reference Material & Standard

Product Name:	Fluorouracil Impurity 10	Catalogue Number:	C4X-164910
Synonyms:	N/A	Lot Number:	1101-RF-0022
CAS Number:	1480-96-2	Expiry Date:	Oct 31, 2027
Molecular Formula:	C ₅ H ₅ FN ₂ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	144.10		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	99.162%
Loss On Drying	TGA	0.0084%
Assay		99.2%

Comment:

The calculation of the 100% 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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Nov 01, 2024

Date: Nov 01, 2024

Date: Nov 01, 2024

