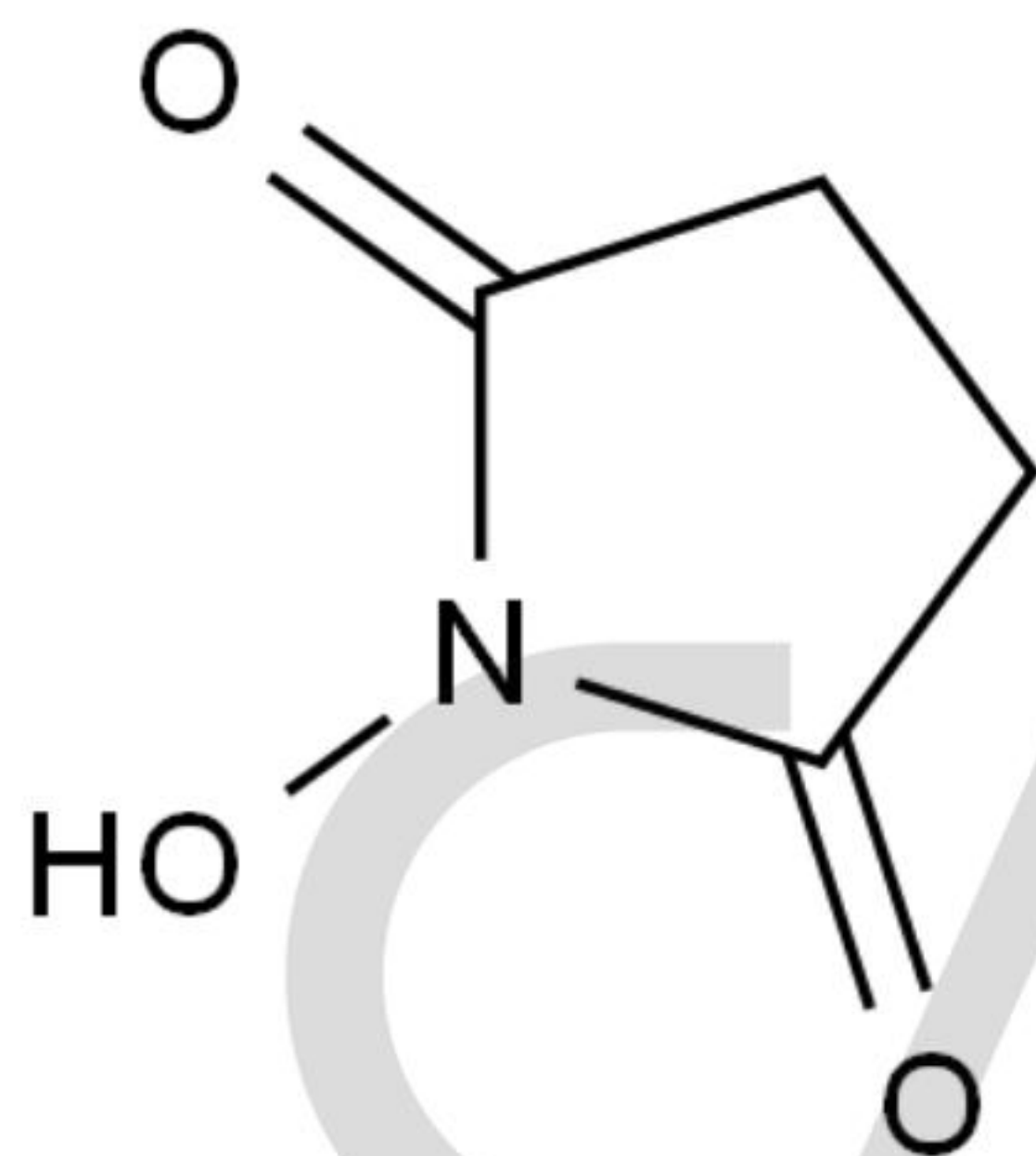


Certificate of Analysis

Reference Material & Standard

Product Name:	Tofacitinib Impurity 54	Catalogue Number:	C4X-107954
Synonyms:	N/A	Lot Number:	0725-RG-0075
CAS Number:	6066-82-6	Expiry Date:	Jul 24, 2029
Molecular Formula:	C ₄ H ₅ NO ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	115.09	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	100.000%
Loss On Drying	TGA	6.9700%
Assay		93.0%

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:

Hinlam

Approved by General Manager:

David

Date: Jul 25, 2025

Date: Jul 25, 2025

Date: Jul 25, 2025

