

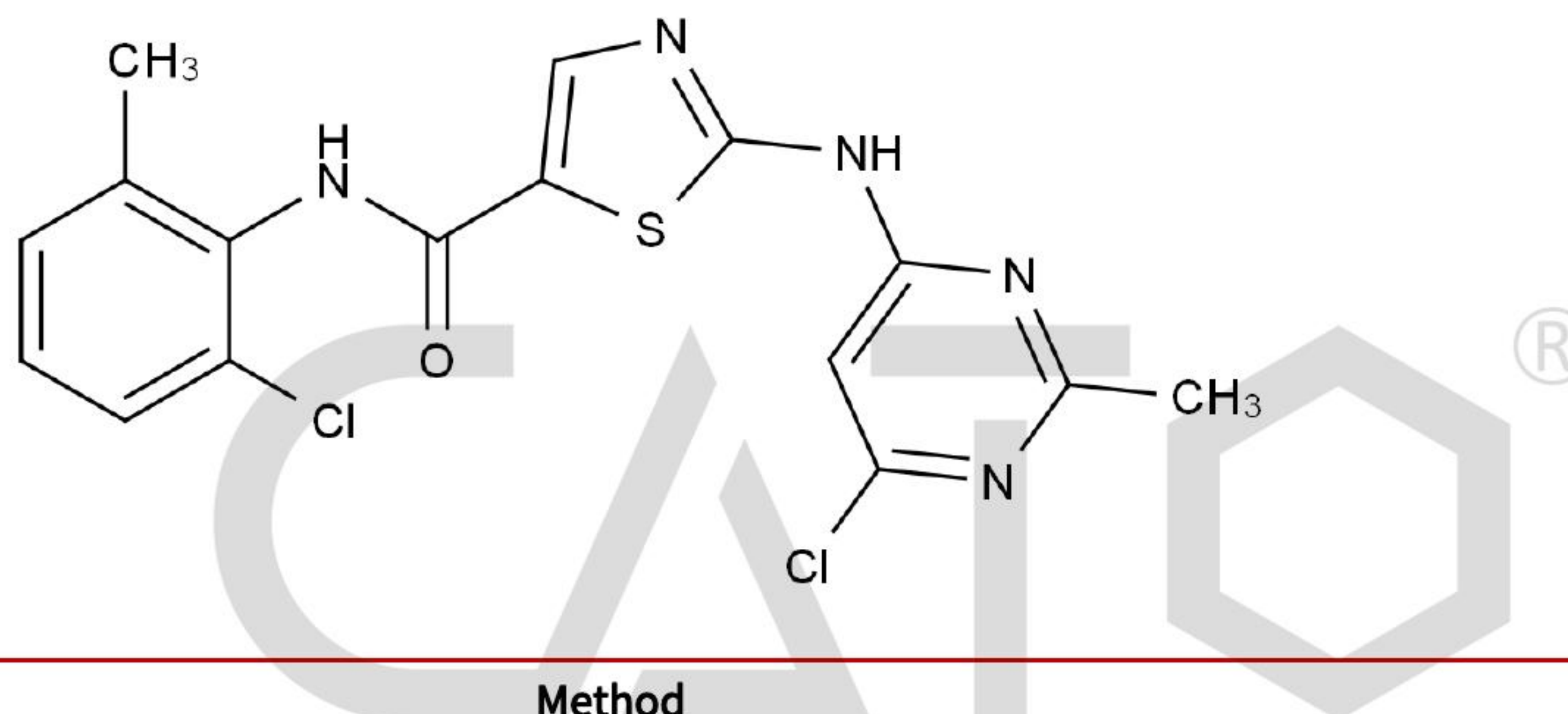
Certificate of Analysis

Reference Material & Standard

Product Name:	Dasatinib Dichloro Impurity	Catalogue Number:	C4X-16079
Synonyms:	2-[(6-Chloro-2-methylpyrimidin-4-yl)amino]-N-(2-chloro-6-methylphenyl)thiazole-5-carboxamide	Lot Number:	0721-RH-0048
CAS Number:	302964-08-5	Expiry Date:	Aug 10, 2030
Molecular Formula:	C ₁₆ H ₁₃ Cl ₂ N ₅ OS	Storage:	2°C ~ 8°C Sealed
Molecular Weight:	394.28	Shipping Condition:	Shipping at Room Temperature
Solubility:	Soluble in DMSO	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	99.881%
Water Content	Karl Fischer	1.0129%
Residual Solvents	NMR	Not detected in NMR
Residue on Ignition	TGA	0.6232%
Assay	qNMR	98.1%
Assay	Mass Balance	98.2%

Comment:

- The retest date of this product is Aug 10, 2029.
- The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Water Content} - \text{Residual Solvents} - \text{Residue on Ignition}) * \text{Purity HPLC (\%)} / 100\%$$
 Water Content, Residual Solvents and Residue on Ignition are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

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Reviewed by:

Alice

Approved by General Manager:

David

Date: Aug 11, 2026

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