

Certificate of Analysis

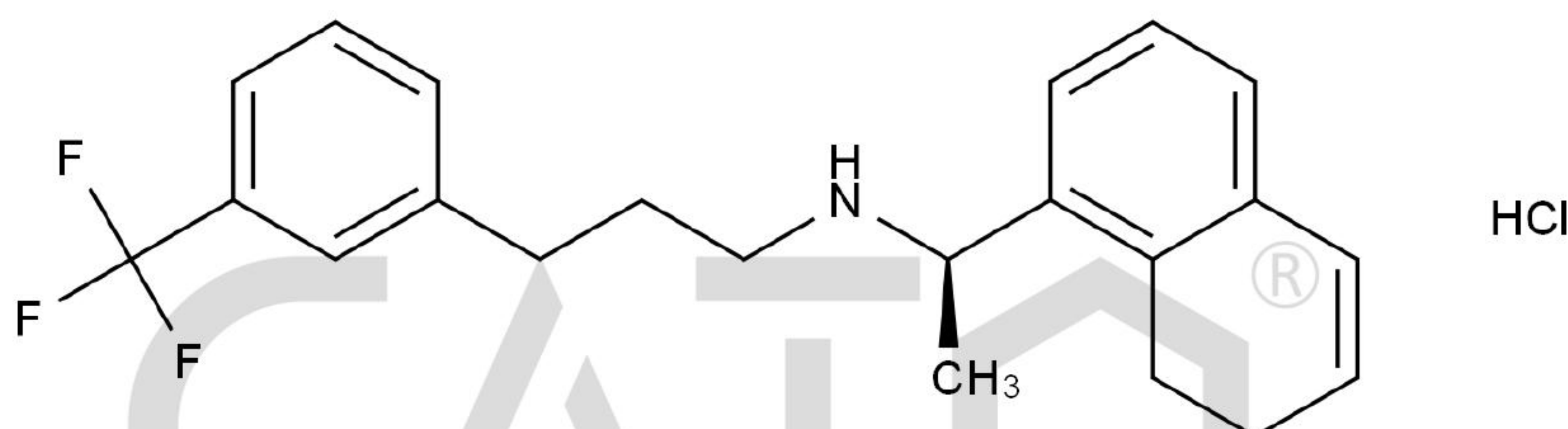
Reference Material & Standard

Product Name:	Cinacalcet Impurity 2	Catalogue Number:	C4X-10592
Synonyms:	N/A	Lot Number:	0606-RF-0003
CAS Number:	N/A	Expiry Date:	Jul 16, 2030
Molecular Formula:	C ₂₂ H ₂₄ F ₃ N HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	359.43 36.46	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.179%
Water Content	Karl Fischer	0.30%
Residual Solvents	NMR	0.4% acetonitrile
Assay		97.5%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

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Reviewed by:

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Approved by General Manager:

David

Date: Jul 17, 2026

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