

Certificate of Analysis

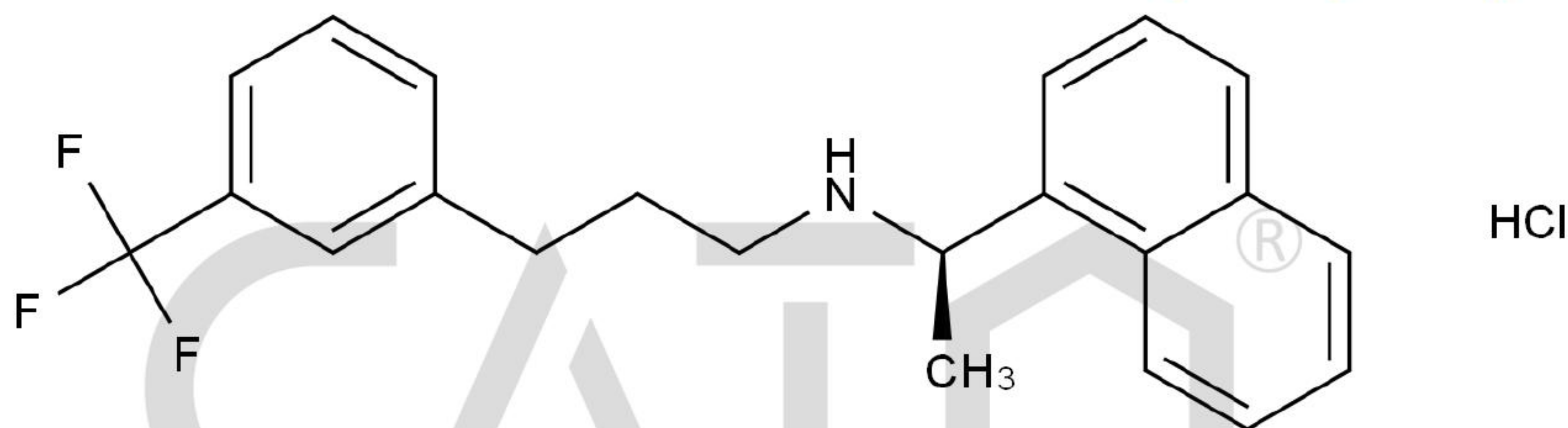
Reference Material & Standard

Product Name:	Cinacalcet hydrochloride	Catalogue Number:	C4X-1059
Synonyms:	N/A	Lot Number:	1113-RF-0017
CAS Number:	364782-34-3	Expiry Date:	Jan 05, 2030
Molecular Formula:	C ₂₂ H ₂₂ F ₃ N HCl	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	357.41 36.46	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Residue on Ignition	TGA	0.3455%
Loss On Drying	TGA	0.0142%
Assay		99.6%

Comment:

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

$\text{Assay (\%)} = (100\% - \text{Residue on Ignition} - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

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Reviewed by:

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Approved by General Manager:

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Date: Jan 06, 2026

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