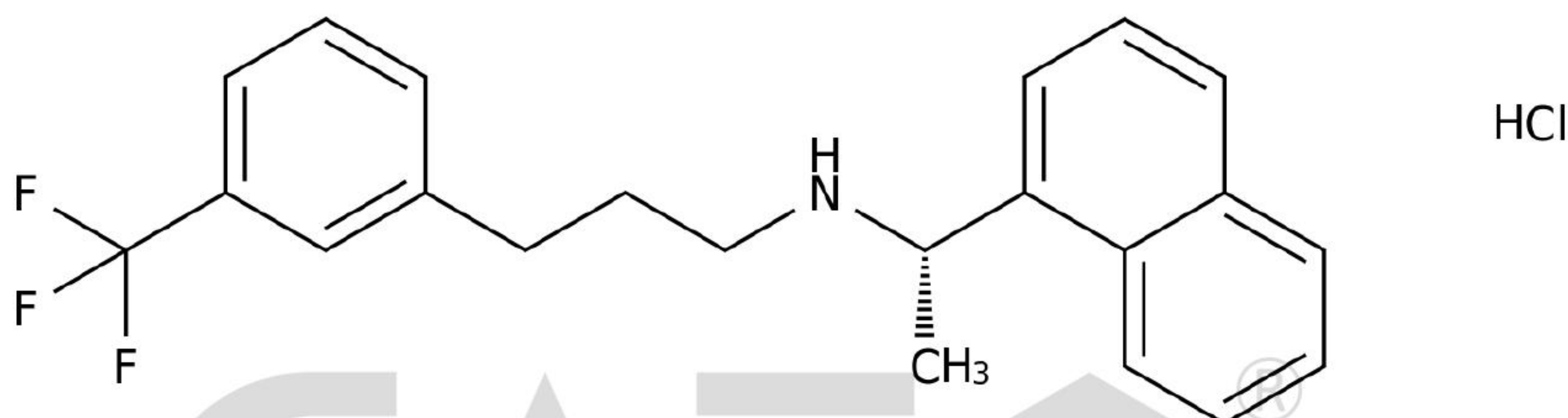


Certificate of Analysis

Reference Material & Standard

Product Name:	Cinacalcet Impurity 14	Catalogue Number:	C4X-105914
Synonyms:	N/A	Lot Number:	1125-RF-0084
CAS Number:	1217809-88-5	Expiry Date:	Nov 28, 2027
Molecular Formula:	C ₂₂ H ₂₂ F ₃ N HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	357.41 36.46		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	99.881%
Residue on Ignition	TGA	0.5724%
Loss On Drying	TGA	0.1061%
Assay		99.2%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Residue on Ignition - Loss On Drying) * Purity HPLC (%) / 100%

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

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Nov 29, 2024

Date: Nov 29, 2024

Date: Nov 29, 2024

