

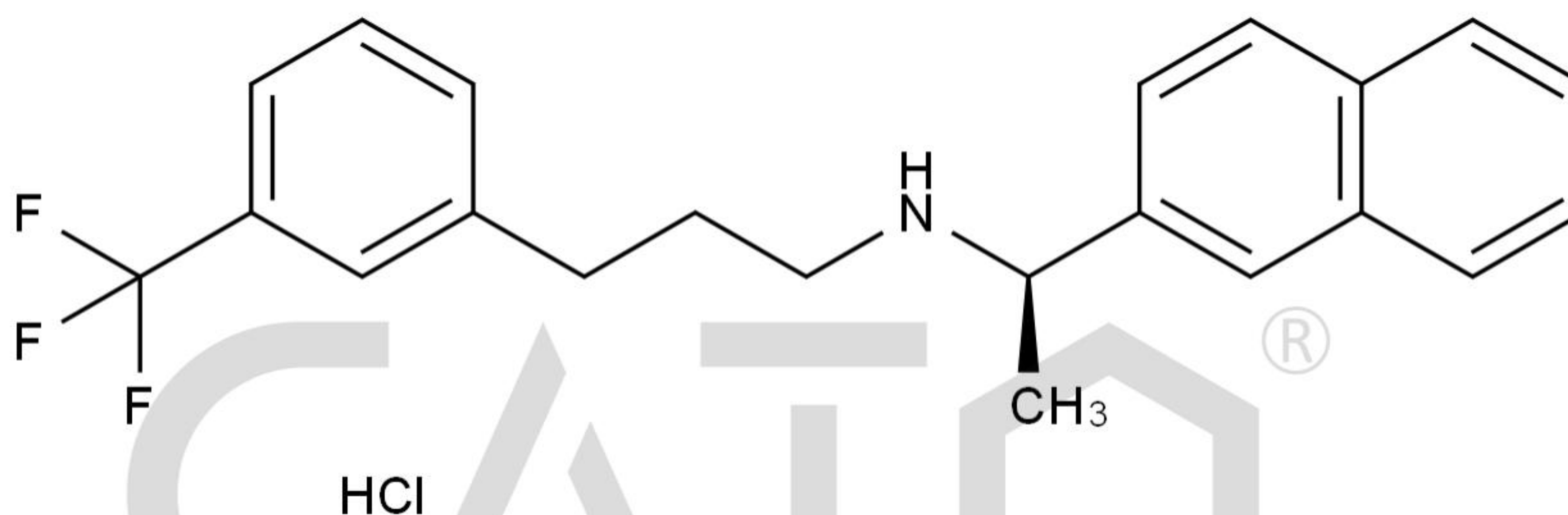
Certificate of Analysis

Reference Material & Standard

Product Name:	Cinacalcet Impurity 13	Catalogue Number:	C4X-105913
Synonyms:	N/A	Lot Number:	0201-RF-0018
CAS Number:	2074615-22-6	Expiry Date:	Feb 19, 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	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Liquid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.511%
Loss On Drying	TGA	0.1174%
Assay		99.4%

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:

Nice

Reviewed by:

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Aporoved by General Manager:

David

Date: Feb 20, 2024

Date: Feb 21, 2024

Date: Feb 21, 2024

