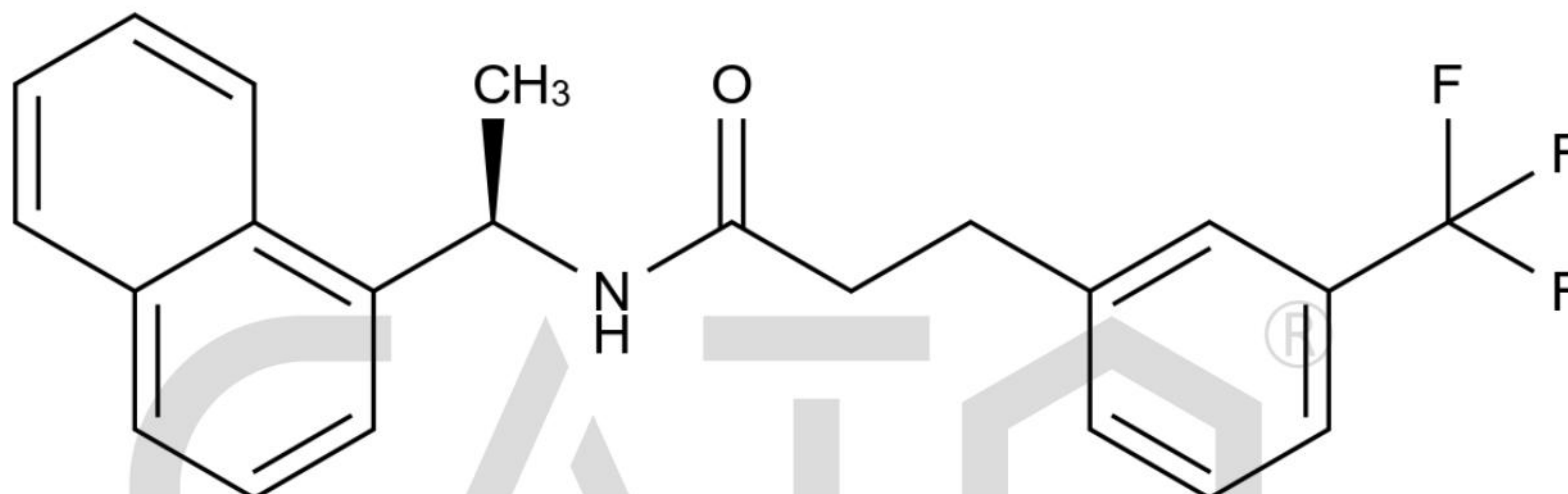


Certificate of Analysis

Reference Material & Standard

Product Name:	Cinacalcet Impurity N52	Catalogue Number:	C1004852
Synonyms:	N/A	Lot Number:	0516-RF-0029
CAS Number:	1005450-55-4	Expiry Date:	May 20, 2027
Molecular Formula:	C ₂₂ H ₂₀ F ₃ NO	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	371.40	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.643%
Loss On Drying	TGA	0.0709%
Assay		98.6%

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:

Koi

Approved by General Manager:

David

Date: May 21, 2024

Date: May 23, 2024

Date: May 23, 2024

