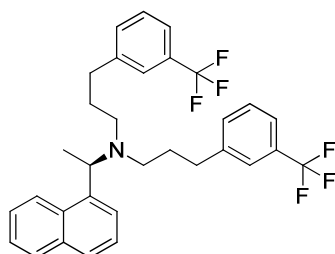


CERTIFICATE OF ANALYSIS OF REFERENCE STANDARD

Reference Standard

Date:

Cinacalcet Impurity D/ Cinacalcet Dimer Impurity**Catalogue no.:** VL2310014**Batch No.:****IUPAC Name:** 3-(3-(trifluoromethyl)phenyl)-N-(3-(3-(trifluoromethyl)phenyl)propyl)-N-(R)-1-(naphthalen-5-yl) ethyl)propan-1-amineMolecular Formula: C₃₁H₂₉F₆N

Molecular Weight: 543.56g/mol

Sr.#	Test	Results	Data ref.
1	Appearance	Pale yellow liquid.	-----
2	Purity by HPLC	>95.00%	Chromatogram attached
3	Mass	Conform	Report attached
4	H NMR	Conform	Report attached

Storage condition: Store at 2-8 degree, protect from direct sunlight and moisture.

This certificate of analysis is valid for three years from date of manufacturing, provided the substance is stored under suitable conditions.

Manufacturing date:**Retest Date:****Document data reference:***Prepared by**Reviewed by**Approved by*