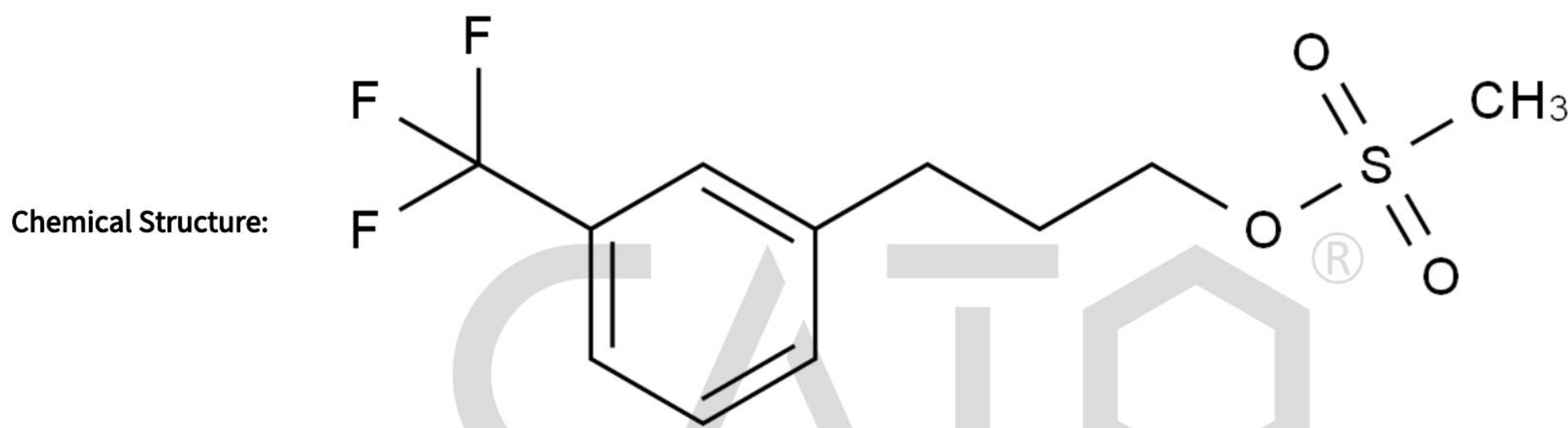


Certificate of Analysis

Reference Material & Standard

Product Name:	Cinacalcet Impurity 22	Catalogue Number:	C4X-105922
Synonyms:	N/A	Lot Number:	1110-RG-0020
CAS Number:	21172-43-0	Expiry Date:	Nov 13, 2029
Molecular Formula:	C ₁₁ H ₁₃ F ₃ O ₃ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	282.28	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile		



Test Items	Method	Results
Appearance	Visual inspection	Colourless Sticky Liquid
Identification	GCMS&HNMR	Confirmed
Purity	HPLC	98.809%
Loss On Drying	TGA	0.7605%
Assay		98.1%

Comment:

The calculation of the mass balance 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: Nov 14, 2025

Date: Nov 14, 2025

Date: Nov 14, 2025



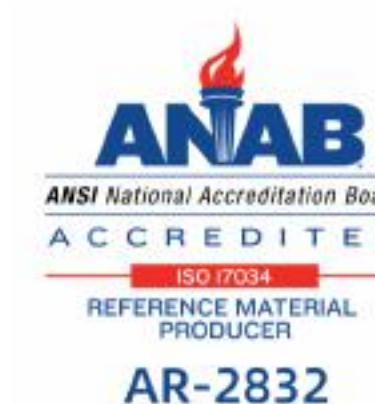
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