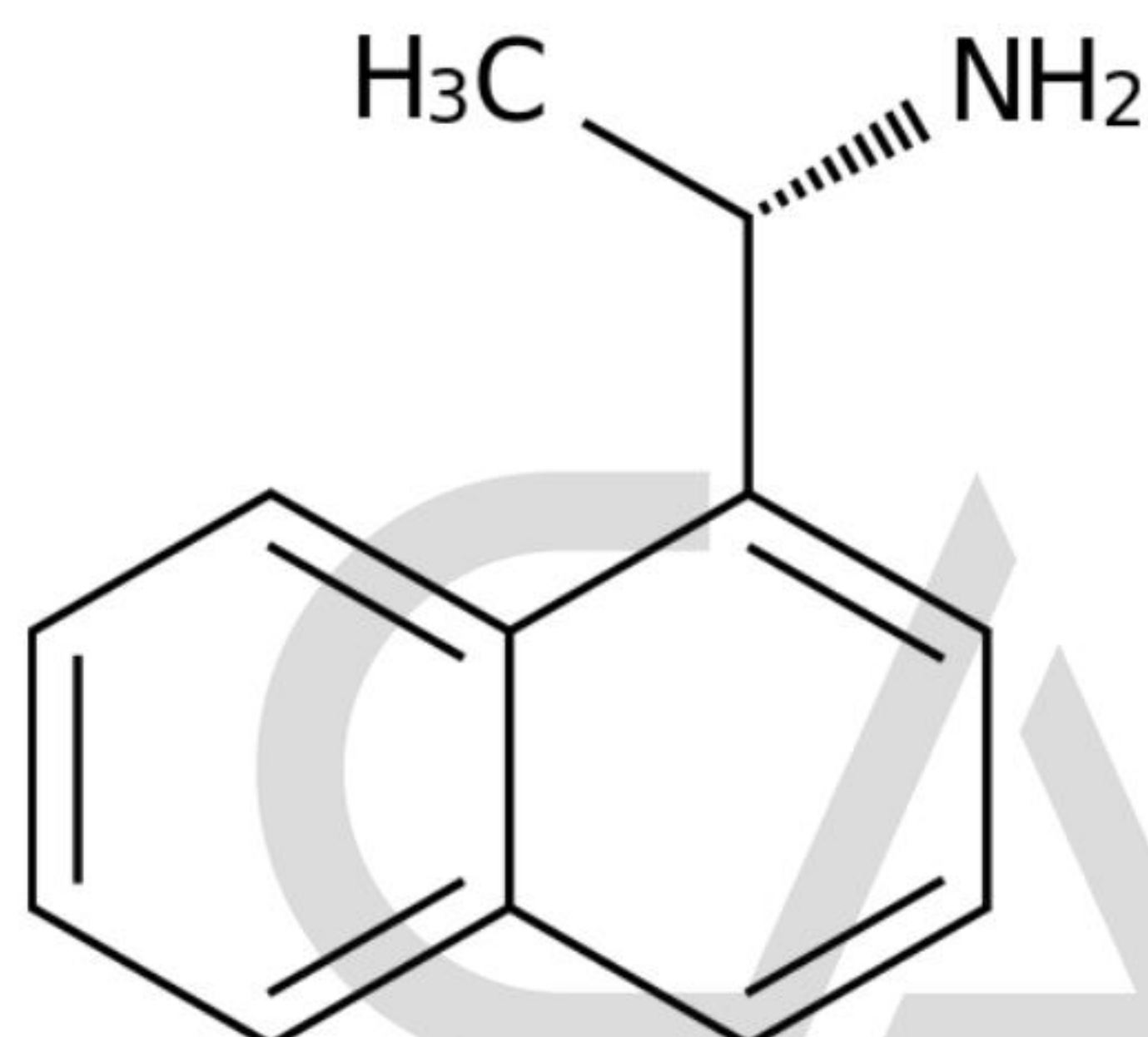


Certificate of Analysis

Reference Material & Standard

Product Name:	Cinacalcet Impurity 48	Catalogue Number:	C4X-105948
Synonyms:	(S)-(-)-1-(1-Naphthyl)ethylamine	Lot Number:	1031-RG-0026
CAS Number:	10420-89-0	Expiry Date:	Nov 03, 2029
Molecular Formula:	C ₁₂ H ₁₃ N	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	171.24	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Oil
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Water Content	Karl Fischer	1.1049%
Assay		98.9%

Comment:

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

Assay (%) = (100% - Water Content) * Purity HPLC (%) / 100%

Water Content 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 04, 2025

Date: Nov 05, 2025

Date: Nov 05, 2025



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