



CERTIFICATE OF ANALYSIS

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1. Identification

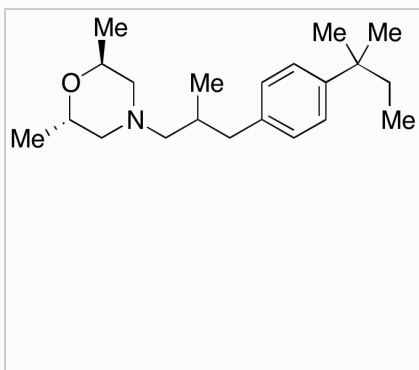
Catalogue Number: A634165

CAS Number: 2134097-34-8

Product: trans-Amorolfine

Synonym: (2S,6S)-2,6-Dimethyl-4-(2-methyl-3-(3-(tert-pentyl)phenyl)propyl)morpholine; Amorolfine Impurity E

Structure:



Molecular Formula:

C₂₁H₃₅NO

Molecular weight:

317.51

Source of Product:

Synthetic

Solubility:

Chloroform (Sparingly), Ethyl Acetate (Slightly)

Lot Number: 13-NSR-57-3

Purity: 96%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

| Tests: | Specifications: | Results: |
|-------------|---------------------------------------|--------------------------------------|
| Appearance | Light Brown to Brown Oil to Thick Oil | Clear Light Brown to Brown Thick Oil |
| NMR | Conforms to Structure | Conforms |
| C NMR | Conforms to Structure | Conforms |
| HPLC Purity | Report Result | 94.42% (220 nm) |
| MS | Conforms to Structure | Conforms |
| LCMS | Conforms to Structure | Conforms |

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

| Reviewed By | Reviewed By | C of A Approved By | Test Date | Retest Date |
|-----------------|---------------|--------------------|------------|-------------|
| Farnaz Mahmoudi | Toni Rantanen | Chanell Chu | 10/17/2023 | 10/15/2030 |