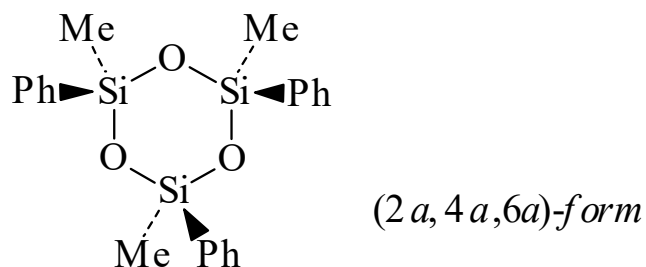




>>Entry Name: 2,4,6-Trimethyl-2,4,6-triphenylcyclotrisiloxane, 9CI



CAS Registry Number: 546-45-2

Molecular Formula: C₂₁H₂₄O₃Si₃

Molecular Weight: 408.675

Accurate Mass: 408.103326

Percentage Composition: C 61.72%; H 5.92%; O 11.74%; Si 20.62%

Source/Synthesis: Synth. from MePhSiCl₂ and H₂O

>>Variant: (2α,4α,6α)-form

Synonym(s): *cis*-form

CAS Registry Number: 3424-57-5

Molecular Formula: C₂₁H₂₄O₃Si₃

Molecular Weight: 408.675

Accurate Mass: 408.103326

Percentage Composition: C 61.72%; H 5.92%; O 11.74%; Si 20.62%

Physical Description: Cryst. (MeOH)

Melting Point: Mp 99.5°

>>Variant: (2α,4α,6β)-form

Synonym(s): *trans*-form

CAS Registry Number: 6138-53-0

Molecular Formula: C₂₁H₂₄O₃Si₃

Molecular Weight: 408.675

Accurate Mass: 408.103326

Percentage Composition: C 61.72%; H 5.92%; O 11.74%; Si 20.62%

Physical Description: Cryst. (MeOH)

Melting Point: Mp 44-46°

References:

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