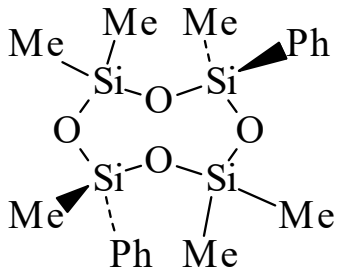
>>**Entry Name: Quadrosilan,** BAN, INN
Synonym(s): 2,2,4,6,6,8-Hexamethyl-4,8-diphenylcyclotetrasiloxane, 9CI. Cisobitan. KABI 1774



(4*RS*,8*RS*)-*form*

CAS Registry Number: 4657-20-9

Molecular Formula: $C_{18}H_{28}O_4Si_4$
Molecular Weight: 420.759
Accurate Mass: 420.106468
Percentage Composition: C 51.38%; H 6.71%; O 15.21%; Si 26.70%

Source/Synthesis: Synth. from $PhMeSiCl_2$ and H_2O
Use/Importance: Antigonadotropic agent, prostatic cancer treatment

>>**Variant:** (4*RS*,8*RS*)-form
Synonym(s): (±)-*trans*-form

CAS Registry Number: 33204-77-2
Molecular Formula: $C_{18}H_{28}O_4Si_4$
Molecular Weight: 420.759
Accurate Mass: 420.106468
Percentage Composition: C 51.38%; H 6.71%; O 15.21%; Si 26.70%
Use/Importance: Lacks endocrine activity of *cis*-form
Physical Description: Cryst.
Melting Point: Mp 55°

>>**Variant:** (4*RS*,8*SR*)-form
Synonym(s): *cis*-form

CAS Registry Number: 33204-76-1
Molecular Formula: $C_{18}H_{28}O_4Si_4$
Molecular Weight: 420.759
Accurate Mass: 420.106468
Percentage Composition: C 51.38%; H 6.71%; O 15.21%; Si 26.70%
Physical Description: Cryst.
Melting Point: Mp 41°
Hazard & Toxicity: Exp. reprod. effects

References:

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