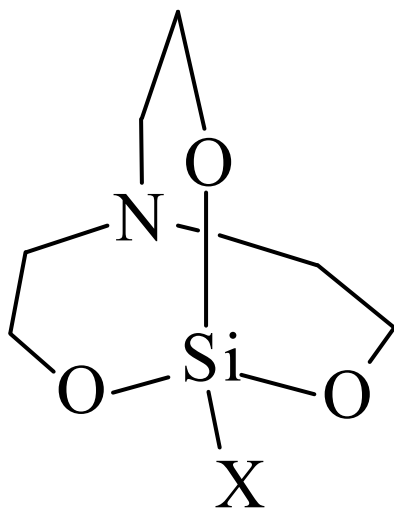




>>Entry Name: 1-(Chloromethyl)-2,8,9-trioxa-5-aza-1-silabicyclo[3.3.3]undecane, 9Cl

Synonym(s): 1-Chloromethylsilatrane. Mival



CAS Registry Number: 42003-39-4

Extra CAS Registry Numbers(s): 41952-88-9

Molecular Formula: $\text{C}_7\text{H}_{14}\text{ClNO}_3\text{Si}$

Molecular Weight: 223.731

Accurate Mass: 223.043148

Percentage Composition: C 37.58%; H 6.31%; Cl 15.85%; N 6.26%; O 21.45%; Si 12.55%

Source/Synthesis: Synth. from $(\text{HOCH}_2\text{CH}_2)_3\text{N} + \text{Cl}_3\text{SiCH}_2\text{Cl}$

Use/Importance: Antineoplastic agent. Patented for treatment of wounds, burns and dermatitis

Physical Description: Solid

Melting Point: Mp 210-210.5°

Hazard & Toxicity: LD₅₀ (rbt, ipr) 3000 mg/kg

Aldrich: 39107-7

References:

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