



## 1,3-Divinyltetramethyldisiloxane

AB108986 | CAS 2627-95-4

### 1. Product Identification

**Chemical Name:** 1,3-Divinyltetramethyldisiloxane

**Synonyms:** 1,1,3,3-Tetramethyl-1,3-divinyldisiloxane, Vinyltrimethylsilyl ether

**Molecular Formula:** C<sub>8</sub>H<sub>18</sub>OSi<sub>2</sub>

**Molar Mass:** 186.44 g/mol

### 2. Physical and Chemical Properties

**Purity:** 98%

**Appearance:** Colorless liquid

**Boiling Point:** approx. 139 °C

**Density:** approx. 0.811-0.814 g/cm<sup>3</sup> at 25 °C

**Refractive Index:** 1.4120-1.4123 at 20 °C

**Solubility:** Soluble in various organic solvents. Immiscible with water

The data represent typical values (no product specification)

### 3. Applications

- Component of Karstedt catalyst
- Reacts as vinyl donor used in cross-coupling reactions
- Used as a retarder in platinum-cured vinyl-addition silicone elastomers
- Silicone end-capper

### 4. Reactivity

No significant reaction with water

Modifier of Karstedt catalyst-activity thus increasing the pot-life of platinum-cured silicone

### 5. Storage and Handling

**Storage Conditions:** Store in a cool, dry, and tightly sealed container. Protect from moisture and direct sunlight.

### 6. Available Quantities

AB108986 is available in following quantities:

> Shop AB108986 | CAS 2627-95-4

### Safety notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets (MSDS). They are available on the abcr website

> [https://abcr.com/de\\_en/ab108986](https://abcr.com/de_en/ab108986)