

## Technical Data Sheet

ChangFu® VII  
Vinyl dimethylchlorosilane



**Description** ChangFu® VII is an organic silicon compound which contains two methyl groups and a chlorine atom attached to a vinyl functional group. It is an important raw material used in the synthesis of functional silanes, silazanes, siloxanes, and silicon-containing polymers.

**Features & Benefits** Reacts violently with moisture/water.  
Contains vinyl functional group.  
An important intermediate for silicone compound synthesis.  
Excellent surface modifier for nanomaterials.

**Applications** Used to produce 1,3-Divinyl-1,1,3,3-Tetramethyldisilazane, ChangFu® BVZ12.  
Used for the surface modification of nanoparticles and ceramic metamaterials.  
Used as an intermediate in the drug synthesis.  
Used as an intermediate to produce silicone polymers including siloxanes, silicone resins and silicone rubbers.

### Typical Properties

Product No.	ChangFu® VII
Description	Vinyl dimethylchlorosilane
CAS No.	1719-58-0
Formula	C <sub>4</sub> H <sub>9</sub> ClSi
Purity	min 97%
Color	Colorless or light yellow
Appearance	Clear liquid

**Package** Offered in 25L pails and 200L drums.  
Custom packaging is available.

**Storage** Stored in a cool, well-ventilated place.  
Keep container tightly closed.

**Transportation** See the corresponding Safety Data Sheet.