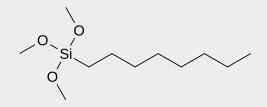
Gute Chemie





n-Octyltrimethoxysilane; 97% AB129289 CAS 3069-40-7

1. Product Identification

Chemical Name: n-Octyltrimethoxysilane **Synonyms:** Trimethoxyoctylsilane; OCTMO **Molecular Formula:** C₁₁H₂₆O₃Si **Molar Mass:** 234.41 g/mol

2. Physical and Chemical Properties

Purity: 97% Appearance: Colorless liquid Boiling Point: approx. 191-192 °C Density: approx. 0.91 g/cm³ at 25 °C Refractive Index: 1.4170 at 20 °C Solubility: Soluble in non-polar organic solvents; hydrolyzes in water releasing methanol The data represents typical values (no product specification)

3. Applications

Surface modifier to generate hydrophobicity (e.g. pigments and inorganic fillers).

4. Reactivity

Trimethoxysilyl-groups: Hydrolyze in contact with moisture, releasing methanol and forming reactive Silanol-groups which bond to inorganic surfaces

5. Storage and Handling

Storage Conditions: Store in a cool, dry, and tightly sealed container. Protect from moisture and direct sunlight. Avoid direct contact with moisture to prevent hydrolysis. Methanol release caution; it is recommended to work in well-ventilated spaces.

6. Available Quantities

AB129289 is available in following quantities:

> Shop AB129289 | CAS 3069-40-7

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/ab129289