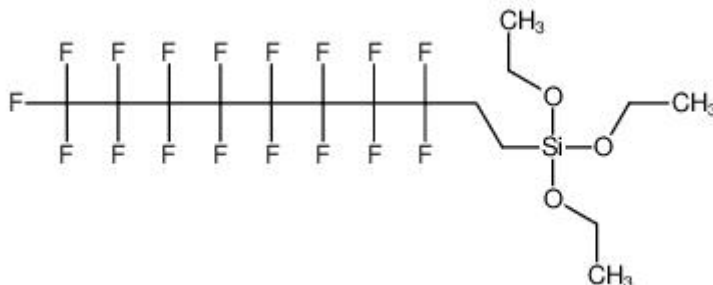


FC-029 (CAS 101947-16-4)**1H,1H,2H,2H-Perfluorodecyltriethoxysilane****BASIC
INFORMATION**

Cas: 101947-16-4

Name: 1H,1H,2H,2H-Perfluorodecyltriethoxysilane

Triethoxy(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)silane; Triethoxy-1H,1H,2H,2H-heptadecafluorodecylsilane; Triethoxy-1H,1H,2H,2H-perfluorodecylsilane;

Molecular formula: C₁₆H₁₉F₁₇O₃Si

Molecular weight: 610.37900

PSA: 27.69000

LOGP: 7.43430

PHYSICAL INDEX

Appearance and properties: colorless liquid

Density: 1.389 g/mL at 25 ° C

Boiling point: 209-230 ° C

Flash point: >230 ° F

Refractive index: n₂₀/D 1.342

Vapor pressure: 0.00187mmHg at 25° C

SECURITY**INFORMATION**

Safety instructions: S26-S36/37/39-S45

WGK Germany: 3

Hazard category code: R34

Dangerous goods transport code: UN 1760 8/PG 3

Dangerous goods mark: C

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Hazard description: H314

Danger sign: GHS05

Hazard prevention statement: P280; P305 + P351 + P338; P310

Signal word: Danger

PRODUCTION

use

METHODS AND

It can be used as an anti-fingerprint agent for glass products such as advanced mobile phone screens and camera lenses.

APPLICATION