

Product Name: (3-Glycidoxypropyl)trimethoxysilane, 97%, Thermo Scientific Chemicals

Catalog Number: A18431.22

CAS Number: 2530-83-8
IUPAC Name: trimethoxy({3-[(oxiran-2-yl)methoxy]propyl})silane
Molecular Formula: C₉H₂₀O₅Si
Molecular Weight: 236.34
InChI Key: BPSIOYPQMFLKFR-UHFFFAOYNA-N
SMILES: CO[Si](CCCOCC1CO1)(OC)OC
Synonym: glycidoxypropyl trimethoxysilane

Product Specification

Appearance (Color): Clear colorless
Form: Liquid
Viscosity: 2.9-3.2 cSt (U.S. specification)
Color (APHA): ≤50 (U.S. specification)
Assay (GC): ≥96.0% (non-U.S. specification)
Assay from Supplier's CofA: ≥96.0% (U.S. specification)
Chloride content: ≤10 ppm (U.S. specification)
Refractive Index: 1.4265-1.4315 @ 20°C
Identification (FTIR): Conforms (non-U.S. specification)
Solution Test: Solubility: Passes Test (U.S. specification)

Date Of Print: 03/31/2025

Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.