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Product Specifications

Catalogue Number	47430
Product	Pentafluorophenyldimethylchlorosilane Chlorodimethyl(pentafluorophenyl)silane Flophemesyl chloride
CAS Number	20082-71-7
Molecular Formula	C ₈ H ₆ ClF ₅ Si
Molecular Weight	260.66

Warnings	<i>Hygroscopic!</i>
Appearance	Almost clear, colorless liquid
Boiling point	47 °C/1 mmHg
Flash Point	75 °C
Density	1.381
Refractive Index	1.447
Purity by GC	≥ 95%
Application	Pentafluorophenyldimethylchlorosilane is used as a GC reagent for detection of sterols at low concentration as flophemesyl derivatives, readily detected by electron capture. Chlorodimethyl(pentafluorophenyl)silane is an extremely sensitive derivatizing agent for the analysis of sterols and lower aliphatic alcohols by electron capture gas chromatography
Storage	Store at 2 - 8 °C, under inert gas

For Laboratory Use Only