

ChangFu® PHX31

6-Phenylhexyltrichlorosilane



Description ChangFu® PHX31 is an aromatic long-chain chlorosilane with a phenyl functional group. The chemical structure and remarkable properties make it perform greatly in surface modification of silica nanoparticles. When it's employed in the preparation of HPLC columns, it has strong recognition ability for aromatic compounds.

Features & Benefits Long chain chlorosilane compound.
Excellent silica surface modifier.
Reacts rapidly with moisture and water.

Applications Used as a surface modifier in the preparation of functionalized silica nanoparticles, which are mainly used in high performance liquid chromatographic columns.
Used for the surface modification and functionalization of inorganic minerals and fillers.
Used as a starting material in chemical synthesis.

Typical Properties

Description	6-Phenylhexyltrichlorosilane
Product No.	ChangFu® PHX31
CAS No.	18035-33-1
Formula	C ₁₂ H ₁₇ Cl ₃ Si
Purity	min 96%
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.