

ChangFu® ANI632

N-(3-trimethoxysilylpropyl)hexadecanamide



Description	ChangFu® ANI632 is a bifunctional silane monomer combining a long hydrophobic hexadecyl chain with a hydrolysable trimethoxysilyl group. This unique structure makes it an excellent adhesion promoter and surface modifier for advanced material applications.
Features & Benefits	Superior water repellency and compatibility. Enables strong covalent bonding with inorganic substrates. Particularly suitable for silica nanoparticles modification in HPLC columns.
Applications	Used as a surface modifier to enhance hydrophobicity and dispersion in fillers, pigments, and nanomaterials. Used as a coupling agent in coatings, sealants, and adhesives, to improve interfacial strength.

Typical Properties

Product No.	ChangFu® ANI632
Description	N-(3-trimethoxysilylpropyl)hexadecanamide
CAS No.	862822-32-0
Formula	C ₂₂ H ₄₇ NO ₄ Si
Purity	min 95%
Color	White waxy
Appearance	Solid

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.