

ChangFu® COM32

2-(Carbomethoxy)ethyltrimethoxysilane



Description ChangFu® COM32 is a silane compound containing a silicon atom bonded to three methoxy groups and an ethyl group with a carbomethoxy substituent. It is a valuable monomer in materials science, particularly for applications requiring enhanced adhesion and surface modification.

Features & Benefits A hydrophilic silane coupling agent.
Reacts with moisture to form silanol groups and subsequently can condense to form siloxane bonds, making it useful for surface treatment applications.
Acts as an additive for lithium batteries.

Applications Used as a surface modifier for adhesion promotion and surface functionalization.
Used to enhance the bonding strength and durability of adhesives and coatings applied to various substrates, including those exposed to harsh environments.
Used as an intermediate in the synthesis of other silicon-based compounds or as a part of chemical reactions in specialized formulations for pharmaceuticals syntheses.

Typical Properties

Description	2-(Carbomethoxy)ethyltrimethoxysilane
Product No.	ChangFu® COM32
CAS No.	76301-00-3
Formula	C ₇ H ₁₆ O ₅ Si
Purity	min 92%
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.