

## Technical Data Sheet

### ChangFu® TRN33

Tris[3-(triethoxysilyl)propyl]amine



**Description** ChangFu® TRN33 is a versatile chemical compound that consists of a central amine group bonded to three 3-(triethoxysilyl)propyl groups. It plays a crucial role in various industrial and research applications, especially where surface modification and bonding are required.

**Features & Benefits** Has high reactivity with various substrates.  
Can undergo hydrolysis in the presence of moisture.  
Excellent silane coupling agent and surface modifier.

**Applications** Used in coatings and adhesives to enhance bond strength and durability. It is especially useful for coatings with specific properties, such as hydrophobic and oleophobic coatings, and protective coatings.  
Used in the production of composite materials, where it enhances the bonding between the organic matrix and inorganic reinforcements like glass fibers or fillers.  
Used to improve the adhesion and performance of insulating materials, contributing to more reliable and efficient electrical components.  
Used in the development of drug delivery systems where surface modification of carriers is needed to improve their interaction with biological systems.

### Typical Properties

Description	Tris[3-(triethoxysilyl)propyl]amine
Product No.	ChangFu® TRN33
CAS No.	18784-74-2
Formula	C <sub>27</sub> H <sub>63</sub> NO <sub>9</sub> Si <sub>3</sub>
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.