

### ChangFu® BN32



Bis[3-(trimethoxysilyl)propyl]amine

**Description** ChangFu® BN32 is a dipodal silane composed of a secondary amine and six hydrolysable methoxy groups. The dipodal silane structure makes it increase the crosslinking density and perform better than conventional silanes. With the dual reactivity and functionality, it can also significantly improve the adhesion and compatibility of organic polymers and inorganic substances.

**Features & Benefits** Dipodal silane with high reactivity.  
Able to increase crosslinking density.  
Able to form up to 6 bonds to inorganic substrates.  
Better performance when incorporated with conventional silanes.

**Applications** Used as a surface protection agent for metals such as steel, aluminum, to enhance corrosion resistance and improve adhesion.  
Used together with ChangFu® A32(3-Acryloxypropyltrimethoxysilane) in the synthesis of dental resin-based composites.  
Used to prepare hybrid silica membranes which show higher selectivity, improved thermal stability, and chlorine resistant performance.

### Typical Properties

Description	Bis[3-(trimethoxysilyl)propyl]amine
Product No.	ChangFu® BN32
CAS No.	82985-35-1
Formula	C <sub>12</sub> H <sub>31</sub> NO <sub>6</sub> Si <sub>2</sub>
Purity	min 95%
Color	Colorless or light yellow
Appearance	Clear liquid

**Package** Offered in 25L PE pails and 200L PVF steel drums.  
Custom packaging is available.

**Storage** Stored in a cool, well-ventilated place.  
Keep container tightly closed.

**Transportation** See the corresponding Safety Data Sheet.