

### ChangFu® BEN32



Bis[3-(trimethoxysilyl)propyl]ethylenediamine

**Description** ChangFu® BEN32 is an organosilicon compound that composed of two secondary amines and six hydrolysable methoxysilyl groups. With excellent physical and chemical properties, it has been mainly utilized in the surface modification and functionalization of nanoparticles and polymers.

**Features & Benefits** Diamine compound with high reactivity.  
Effective coupling agent and surface modifier.  
Better performance can be obtained when used in combination with conventional silanes.

**Applications** Used as a coupling agent and a crosslinking agent in the preparation of various polymers such as coatings, sealants, and adhesives.  
Used to prepare hybrid silica membranes which show higher selectivity, improved thermal stability, and chlorine resistant performance.  
Used as a surface treatment agent for metals such as steel, aluminum, to enhance corrosion resistance and improve adhesion.

### Typical Properties

Description	Bis[3-(trimethoxysilyl)propyl]ethylenediamine
Product No.	ChangFu® BEN32
CAS No.	68845-16-9
Formula	C <sub>14</sub> H <sub>36</sub> N <sub>2</sub> O <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.