Technical Data Sheet

ChangFu® BPH33

1,4-Bis(triethoxysilyl)benzene

Description

ChangFu® BPH33 is a dipodal silane with two triethoxysilyl groups. In the presence of water, it can undergo hydrolysis and condensation reactions. It can also undergo addition reactions with unsaturated compounds to form chemical bonds. Its unique properties make it workable for a variety of fields, ranging from organic synthesis to environmental applications.

Features & Benefits

Reactive dipodal silane.
Known for its catalytic activity and bioactivity.
Hydrolysis pattern differing from that of conventional trialkoxysilanes.

Applications

Used as an important additive in the preparation of porous organic polymers and bridged polysisesquioxanes with great adsorption capacity in environmental protection.
Used in fuel cell applications to synthesize hybrid membranes showing high water absorption capacity and stable proton conductivity.

Typical Properties

Description	1,4-Bis(triethoxysilyl)benzene
Product No.	ChangFu® BPH33
CAS No.	2615-18-1
Formula	C18H34O6Si2
Purity	min 95%
Color	Colorless
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.