

Technical Data Sheet

ChangFu® BPH32e
1,4-Bis(trimethoxysilyl)benzene



Description	ChangFu® BPH32e is a dipodal silane containing two trialkoxy groups attached to a benzene ring. It undergoes hydrolysis and condensation reactions in the presence of moisture or water.
Features & Benefits	Reactive dipodal silane monomer. 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 polysilsesquioxanes 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(trimethoxysilyl)benzene
Product No.	ChangFu® BPH32e
CAS No.	58298-01-4
Formula	C ₁₆ H ₃₀ O ₆ Si ₂
Purity	min 95% (containing isomers)
Color	Colorless to 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.