

ChangFu® BPH32e



1,4-Bis(trimethoxysilylethyl)benzene

Description ChangFu® BPH32e is a dipodal silane containing two trialkoxy groups attached to a nitrogen atom. It undergoes hydrolysis and condensation reactions in the presence of moisture or water. Due to its unique physical and chemical properties, it has been widely used in various applications including organic synthesis and environmental protection.

Features & Benefits Reactive dipodal silane containing isomers.
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 polysiloxanes 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(trimethoxysilylethyl)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
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.