

Technical Data Sheet

ChangFu® SBA10E
Triethylsilane



Description	ChangFu® SBA10E is a trialkyl silicon hydride compound containing highly reactive Si-H bond. Due to its special structure and unique properties, it mainly serves as a reducing agent and a precursor to silyl ethers in the synthesis of organic compounds.
Features & Benefits	Highly reactive trialkylsilane compound. Valuable reagent in organic synthesis. Essential reducing agent and precursor.
Applications	Used as a protective agent and a catalyst in the synthesis of various organosilicon compounds, pharmaceuticals, and agrochemicals. Used as a carbocation scavenger in peptide synthesis, showing improved efficiency and selectivity. Used as a highly effective reducing agent of multiple functional groups such as azides, imines, sulfides, nitro groups, and carbonyl compounds. Used as an effective additive in the fabrication process of perovskite solar cells (PSCs).

Typical Properties

Description	Triethylsilane
Product No.	ChangFu® SBA10E
CAS No.	617-86-7
Formula	C ₆ H ₁₆ Si
Purity	min 98%
Color	Colorless or light yellow
Appearance	Clear liquid

Package	Offered in 25L pails and 200L drums. Custom packaging is available.
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Storage	Stored in a cool, well-ventilated place. Keep container tightly closed.
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Transportation	See the corresponding Safety Data Sheet.
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