

## **(Trimethylsilyl)-1-Propyne**

CAS# 6224-91-5

Item # 78100.00

**DESCRIPTION:** (Trimethylsilyl)-1-Propyne is a clear colorless liquid.

**USES:** In Organic Synthesis reagent for the conversion of aldehydes to 1,3-dienes in presence of  $Cp_2Zr(H)Cl$ .<sup>1</sup> Polymerization catalyzed by tantalum pentachloride/triphenylbismuth<sup>2</sup> yields polymers with high oxygen permeability.<sup>3</sup>

### **PHYSICAL & CHEMICAL PROPERTIES:**

<b>Attribute</b>	<b>Typical Value</b>
Purity	99+% Min.
Formula Weight:	112.25
Boiling Point	99-100°C
Flash Point	25°F
Specific Gravity	0.758 @ 20°C
Odor	Irritant

**SHIPPING CLASS:** UN1993 Flammable liquids, n.o.s.

### **MATERIAL SAFETY DATA SHEET (MSDS):**

An MSDS is available upon request

**STORAGE:** Store in unlined tighthead drums at ambient temperatures. Keep dry.

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