



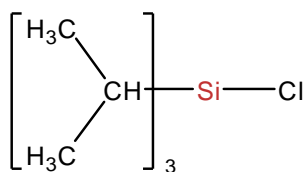
SiSiB® PC5936 SILANE

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CHEMICAL NAME

Triisopropylchlorosilane

CHEMICAL STRUCTURE



INTRODUCTION

SiSiB® PC5936 is colorless clear liquid.

TYPICAL PHYSICAL PROPERTIES

CAS No.	13154-24-0
EINECS No.	N/A
Formula	C ₉ H ₂₁ ClSi
Molecular Weight	192.8
Boiling Point	80°C [10mmHg]
Flash Point	62°C
Color and Appearance	Colorless clear liquid
Density _{25/25°C}	0.903
Refractive Index	1.4515 [25°C]
Purity:	99.0% by GC

APPLICATIONS

SiSiB® PC5936 has found new applications as a blocking group. It has been utilized to prepare blocked derivatives of hydroxy compounds. Derivatization of substrates is accomplished efficiently in DMF containing a slight molar excess of imidazole. Blocked intermediates exhibited acidic hydrolytic stability intermediate between that of a SiSiB®

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PC8710 (Tert-butyldimethylchlorosilane) and SiSiB® PC8710 (Tert-butyldiphenyl chlorosilane) derivatives. Greater stability was obtained with SiSiB® PC5936 under basic conditions.

PACKING AND STORAGE

SiSiB® PC5936 is supplied in net weight 180Kg steel drum.

In the unopened original container SiSiB® PC5936 has a shelf life of one year in a dry and cool place.

NOTES

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

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Please send all technical questions concerning quality and product safety to: silanes@SiSiB.com.

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