



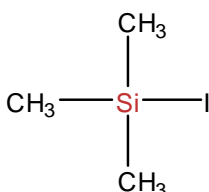
# SiSiB<sup>®</sup> PC5313 SILANE

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## CHEMICAL NAME

Iodotrimethylsilane; Trimethyl iodo silane; Trimethylsilyliodide.

## CHEMICAL STRUCTURE



## INTRODUCTION

Organosilyl blocking agents (protective agents) are widely used in organic synthesis especially in syntheses of drugs for most of them can be get easily, have a steady property, easy to use and can be get rid off in very mild conditions. SiSiB<sup>®</sup> PC5313 is a typical blocking agent in pharmaceutical manufacturing.

## TYPICAL PHYSICAL PROPERTIES

CAS No.	16029-98-4
EINECS No.	240-171-0
Formula	C <sub>3</sub> H <sub>9</sub> ISi
Molecular Weight	200.09
Boiling Point	106°C [760mmHg]
Flash Point	1°C
Color and Appearance	Straw liquid
Density <sub>25/25°C</sub>	1.470
Refractive Index	1.474 [25°C]
Purity:	Min 99.0%;

## APPLICATIONS

SiSiB<sup>®</sup> PC5313 can protect or deprotect functional groups selectively, act as silane

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# SiSiB<sup>®</sup> PC5313 SILANE

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blocking agent.

SiSiB<sup>®</sup> PC5313 is widely used in the syntheses of drugs.

## PACKING AND STORAGE

SiSiB<sup>®</sup> PC5313 is supplied in 70Kg or 280Kg steel drum.

In the unopened original container SiSiB<sup>®</sup> PC5313 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.

We specifically disclaim any other express or implied warranty of fitness for a particular purpose or merchantability. We disclaim liability for any incidental or consequential damages.

Please send all technical questions concerning quality and product safety to: [silanes@SiSiB.com](mailto:silanes@SiSiB.com).

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