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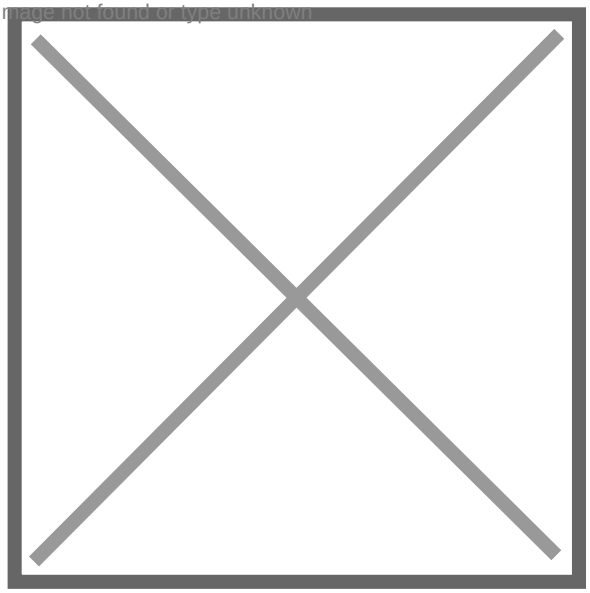
Product Name :

Isomer

Product Code :

SCI-393/163

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Description :

Isomer (Product Code: SCI-393/163) is a laminated wall chart used to explain isomerism — compounds with the same molecular formula but different arrangements of atoms — in organic chemistry classrooms and laboratories. It measures 70 cm x 100 cm and hangs on the wall, so teachers can come back to it across the several lessons this topic usually needs. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Topic	Isomers and isomerism
Size	70 cm x 100 cm
Protective finish	Laminated
Type	Wall-mounted chart
Where used	Classrooms and laboratories
Product code	SCI-393/163
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Isomer Chart Used For?

Isomers share a molecular formula yet behave as different substances. In structural isomerism the atoms are joined in a different order: butane and methylpropane both have the formula C_4H_{10} but different carbon chains, while ethanol and methoxymethane share C_2H_6O yet belong to different functional groups. Stereoisomers keep the same connections but differ in spatial arrangement, as in the cis and trans forms of but-2-ene or the mirror-image pairs known as optical isomers.

A chart sets these comparisons side by side, which is hard to do on a board in the middle of a lesson. Teachers use it when students first meet branched chains, when they practise drawing every isomer of a given formula, and as an introduction to stereochemistry. Pairing it with an organic chemistry molecular model set lets students build two isomers and discover for themselves that they cannot be superimposed.

OEM Manufacturer

ScienceLab — the trading name of Jain Scientific Equipments Private Limited — is the OEM of the Isomer chart and produces it at its own licensed factory at Saha, Ambala, Haryana, India. Buying from the manufacturer gives one point of contact for the price, for additional copies when a new section is added, and for the related organic chemistry charts in the same series. See the company profile.

Rela

Mode

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