সুবাস

Aroma

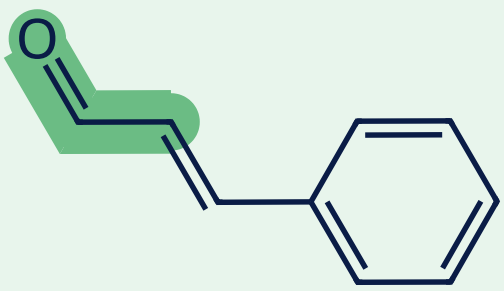
Seven kitchen molecules you smell before you taste.

1 Heat and sting · 2 Aroma · 3 Taste and tricks

The coloured glow marks the working part of each molecule.

Chem2Cure — Institute for Chemical Research and Therapeutics

01 · 132.2

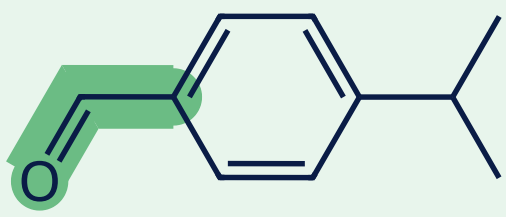


C_9H_8O

CINNAMALDEHYDE

দারুচিনি — Cinnamon

02 · 148.2



$C_{10}H_{12}O$

CUMINALDEHYDE

জিরা — Cumin

HOW TO READ A TILE

Like an element, but tastier

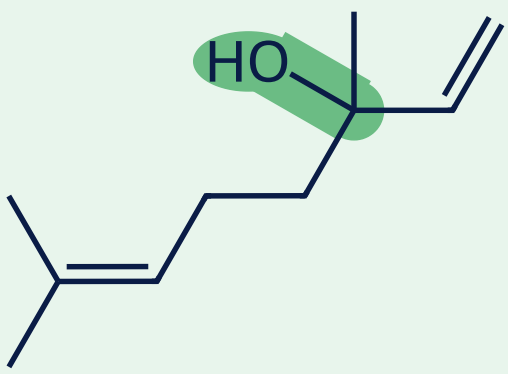
01 · 305.4 — The number, and the molar mass in g/mol

Drawing — The molecule, with its working part glowing

$C_{18}H_{27}NO_3$ — Its formula

Band — The ingredient, in Bangla and English

03 · 154.3

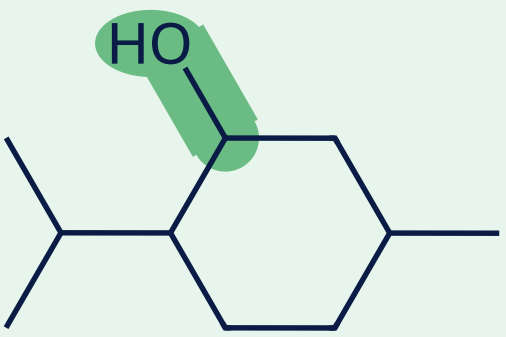


$C_{10}H_{18}O$

LINALOOL

ধনিয়া — Coriander

04 · 156.3



$C_{10}H_{20}O$

MENTHOL

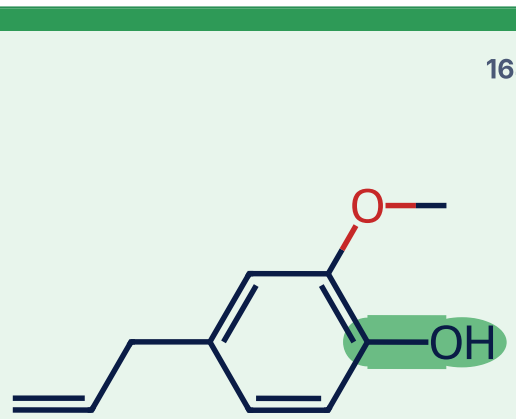
পুদিনা — Mint

GOOD TO KNOW

Why smells float

A smell is a molecule that evaporates easily and drifts into your nose. All seven molecules here weigh between 132 and 196 g/mol, small and light enough to float. Sugar, at 342, does not evaporate, which is why pure sugar has no smell.

05 · 164.2

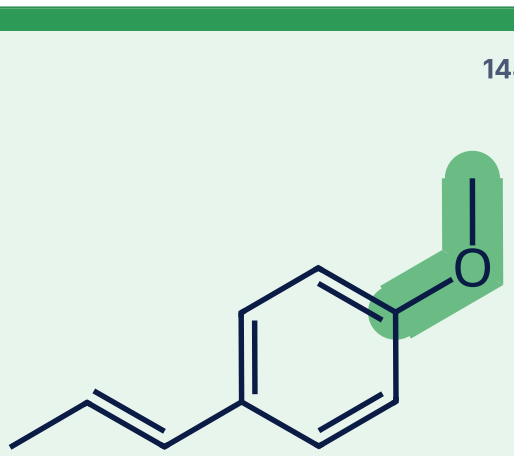


$C_{10}H_{12}O_2$

EUGENOL

লবঙ্গ — Clove

06 · 148.2

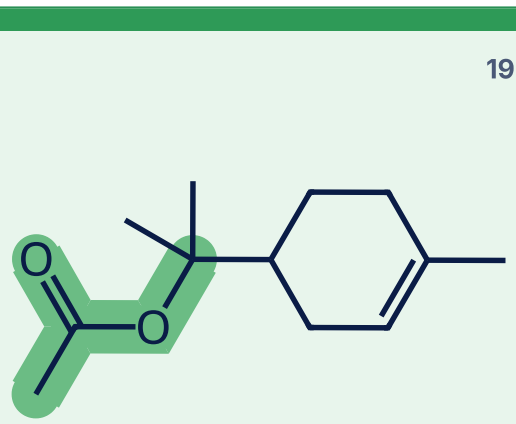


$C_{10}H_{12}O$

ANETHOLE

মৌরি — Fennel

07 · 196.3



$C_{12}H_{20}O_2$

A-TERPINYL ACETATE

এলাচ — Cardamom

TRY IT AT HOME

Two experiments for the kitchen table.

Whole or crushed

Smell a whole clove or cardamom pod, then crush it and smell again. Crushing breaks open tiny oil pockets, so more aroma molecules escape.

Warm it up

Smell a pinch of ground cinnamon. Hold it in your warm palm for a minute and smell again. Warmth helps more molecules evaporate, so the smell is stronger.

Ask an adult first. Never taste an experiment.

THIS POSTER BELONGS TO

Write your name on the line

Class or school

Chem2Cure learner — October 2026

All three kitchen posters, and more

Free to download. Colour or black and white.

chem2cure.com/posters

Free to print and use in classrooms, labs and reading rooms. Please do not sell it. © Chem2Cure, Institute for Chemical Research and Therapeutics · October 2026 · Check facts against your textbook.