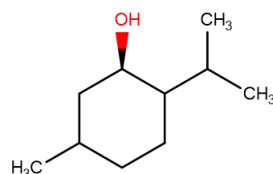


Product Name	: L-Menthol
Synonyms	: Levomenthol; D-(-)-Menthol; l-Menthol; Levomentholum; NSC 62788; NSC62788
Cat No.	: M13534
CAS Number	: 2216-51-5
Molecular Formula	: C ₁₀ H ₂₀ O
Formula Weight	: 156.27
Chemical Name	: (1R)-2-isopropyl-5-methylcyclohexan-1-ol



Description	: Menthol is a covalent organic compound made synthetically or obtained from peppermint or other mint oils. It is a waxy, crystalline substance, clear or white in color, which is solid at room temperature and melts slightly above. The main form of menthol occurring in nature is (-)-menthol, which is assigned the (1R,2S,5R) configuration. Menthol has local anesthetic and counterirritant qualities, and it is widely used to relieve minor throat irritation. .
Pathway	: Endocrinology/Hormones
Target	: Opioid Receptor
Receptor	: Opioid Receptor; κ-opioid receptor
Solubility	: Soluble in Water
SMILES	: <chem>O[C@H]1C(C(C)C)CCC(C)C1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Macpherson LJ, et al. Mol Cell Neurosci. 2006 Aug;32(4):335-43.