



**NORTHERN
SYNTHESIS**

PRODUCT BROCHURE

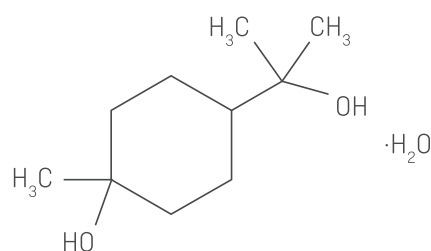


Terpin Hydrate USP

MAIN INFO

Chemical Name	Cyclohexanemethanol, p-Menthane-1,8-diol monohydrate
CAS No	2451-01-6
Therapeutic Category	Terpin hydrate is an expectorant commonly used to loosen mucus in patients presenting with acute or chronic bronchitis, and related conditions.

Structural Formula



Molecular Formula	C ₁₀ H ₂₀ O ₂ ·H ₂ O
Molecular mass	190.28 172.27 (anhydrous)

SPECIFICATION

Physical form	Colorless, lustrous crystals, or as a white powder; slight odor and efflorescent in dry air.
Description	Colourless, transparent crystals or white crystalline powder.
Solubility	Slightly soluble in water, soluble in alcohol
Identity	Tests A; B as per USP
Melting point, °C	115-117
Residue of ignition	Not more than 0.1
Water, %	Between 9.0 to 10.0
Residual turpentine	No odor of turpentine oil
Assay, %	Between 98.0 to 100.5

CONTACT US

info@northernstynthesis.com
www.northernstynthesis.com