

Product Datasheet

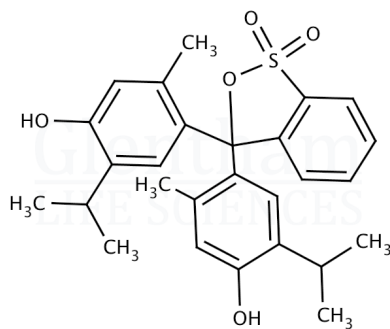
GT9755 - Thymol Blue

Product Details

Product Name	Thymol Blue
Glenthams Code	GT9755
CAS Number	76-61-9
EINECS	200-973-3
MDL Number	MFCD00005869
PubChem SID	310280971
Related Categories	Biochemicals, Dyes & Stains

Structure

Molecular Weight	: 466.60
Molecular Formula	: C ₂₇ H ₃₀ O ₅ S



pH Transition Range(s)	: 1.2 - 2.8 (red-greenish yellow)
	: 7.8 - 9.5 (greenish yellow-blue)
Solubility (0.1% in ethanol)	: Clear solution
Wavelength(s) of Maximum Absorption	: λ1: 431 - 436 nm (pH 7.8)
	: λ2: 594 - 598 nm (pH 9.5)
Absorptivity (E1%, 1cm cell)	: ≥ 200 (pH 7.8, λ1)
	: ≥ 450 (pH 9.5, λ2)
Loss on Drying	: ≤ 3.0%
Dye Content	: ≥ 95.0%
Version	: v1.0

About Thymol Blue

No further details on record.

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as hazardous under CLP.
Not classified as dangerous for transport.

Glenthams Product Specification

Physical Description	: Dark green to brown or black powder
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