

Product Datasheet

GT6837 - Bromothymol Blue

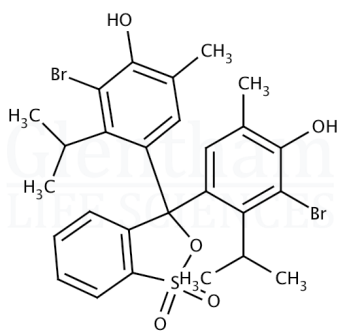
Product Details

Product Name	Bromothymol Blue
Glenthams Code	GT6837
CAS Number	76-59-5
EINECS	200-971-2
MDL Number	MFCD00005872
PubChem SID	310269016
Related Categories	Biochemicals, Dyes & Stains

pH Transition Range	: pH 5.8 (Yellow) to pH 7.6 (Blue)
Solubility (0.1% in ethanol)	: Clear solution
Wavelength of Maximum Absorption	: $\lambda_{1\text{max}}$: 430 - 435 nm (pH 5.8) : $\lambda_{2\text{max}}$: 615 - 618 nm (pH 7.6)
Absorptivity (E1%, 1cm cell)	: 260 - 300 ($\lambda_{1\text{max}}$, pH 5.8) : 470 - 520 ($\lambda_{2\text{max}}$, pH 7.6)
Loss on Drying	: \leq 3.0% (110°C)
Dye Content (Spectrophotometry)	: \geq 95.0%
Version	: v1.0

Structure

Molecular Weight	: 624.39
Molecular Formula	: $\text{C}_{27}\text{H}_{28}\text{Br}_2\text{O}_5\text{S}$



About Bromothymol 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 : Beige to light pink, light brown, red or green powder

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