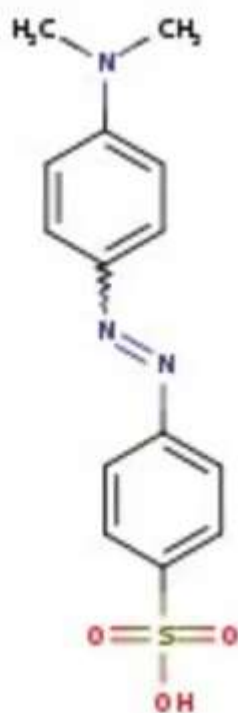


## Thermo Scientific Chemicals Methyl orange, Indicator



## Description

This Thermo Scientific Chemicals brand product was originally part of the Acros Organics product portfolio. Some documentation and label information may refer to the legacy brand. The original Acros Organics product / item code or SKU reference has not changed as a part of the brand transition to Thermo Scientific Chemicals.

Indicator



## Specifications

Melting Point	>300.0°C
Beilstein	16, 331
Merck Index	15, 6178
Solubility Information	Solubility in water: soluble in hot water. Other solubilities: practically insoluble in alcohol
Infrared Spectrum	Authentic
Lambda Max	461 to 469nm (in 0.01N NaOH)
Formula Weight	327.32
Grade	Pure
Packaging	Glass bottle
Visual Transition Interval	from pH 3.2 (pink or red) to pH 4.4 (yellow-orange)

## Chemical Identifiers

CAS	547-58-0
Molecular Formula	C14H14N3NaO3S
Molecular Weight (g/mol)	327.334
MDL Number	MFCD00007502
InChI Key	STZCRXQWRGQSJD-... <a href="#">Show More</a>
Synonym	4-[4-(Dimethylamino)p... <a href="#">Show More</a>
PubChem CID	<a href="#">23673835</a>
IUPAC Name	sodium;4-[[4-(dimethyl... <a href="#">Show More</a>
SMILES	<chem>CN(C)C1=CC=C(C=C1...</chem> <a href="#">Show More</a>

**Product Identifier**

- Methyl Orange

**Signal Word**

- Danger

**Hazard Category**

- Acute toxicity Category 3

**Hazard Statement**

- H301-Toxic if swallowed.

**Precautionary Statement**

- P264-Wash thoroughly after handling.
- P270-Do not eat, drink or smoke when using this product.
- P301+P310-IF SWALLOWED: Immediately call a POISON CENTER/doctor /