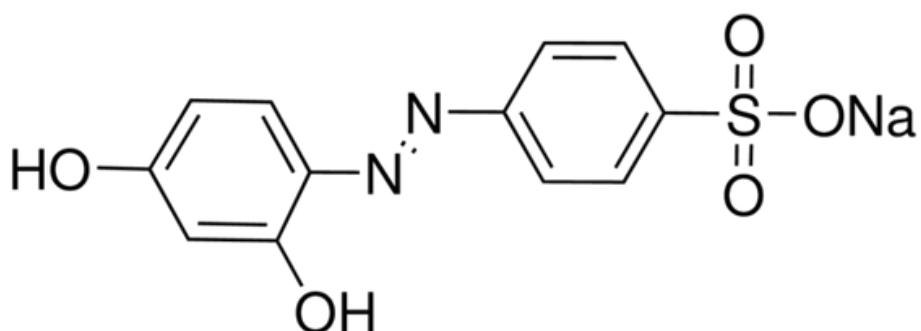


## TROPAEOLIN O



|                                       |                 |
|---------------------------------------|-----------------|
| C.A.S. No.                            | 547-57-9        |
| C.I. No.                              | 14270           |
| Molecular Weight                      | 316.27 g/mole   |
| Solubility 0.1% (dist. water)         | Clear solution  |
| Transition Range                      | pH 11.2 - 12.2  |
|                                       | Yellow - Orange |
| Absorption maximum (in 0.1N NaOH)     | 488 - 492nm     |
| Absorptivity 1%/ 1cm, (0.1N NaOH)     | >530            |
| Dye content (Spectrophotometry)       | >85%            |
| Loss On Drying at 110 degrees C (1hr) | <5%             |

