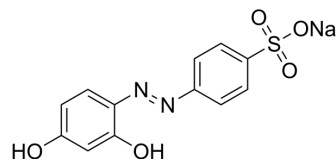


## Tropaeolin O

Cat. No.:	HY-D0305
CAS No.:	547-57-9
Molecular Formula:	C <sub>12</sub> H <sub>9</sub> N <sub>2</sub> NaO <sub>5</sub> S
Molecular Weight:	316.27
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Tropaeolin O is an acidic monoazo dye that undergoes a coupling reaction under pH=10.5 conditions to form a blue disazo dye. Tropaeolin O can be used for the determination of palladium(II), osmium(IV), albumin, and casein<sup>[1]</sup>.

### REFERENCES

[1]. Boiko M, et al. Application of sulphanilamides disazo dyes with Tropaeolin O for simple, rapid and sensitive spectrophotometric assay of medicines. Spectrochim Acta A Mol Biomol Spectrosc. 2011;79(2):325-331.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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