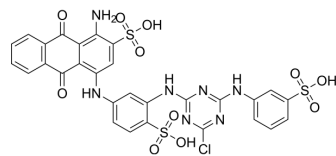


## Reactive blue 5

|                    |   |
|--------------------|---|
| Cat. No.:          | HY-D0514  |
| CAS No.:           | 16823-51-1  |
| Molecular Formula: | C <sub>29</sub> H <sub>20</sub> ClN <sub>7</sub> O <sub>11</sub> S <sub>3</sub>           |
| Molecular Weight:  | 774.16  |
| Target:            | Fluorescent Dye   |
| Pathway:           | Others  |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis. |



## BIOLOGICAL ACTIVITY

### Description

Reactive blue 5 is common textile dyes that can be adsorbed onto single-walled carbon nanotubes (SWCNTs) through electrostatic interactions, allowing the separation of residual dyes.

## REFERENCES

[1]. Machado F M, et al. Adsorption of Reactive Blue 4 dye from water solutions by carbon nanotubes: experiment and theory[J]. Physical Chemistry Chemical Physics, 2012, 14(31): 11139-11153.

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

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