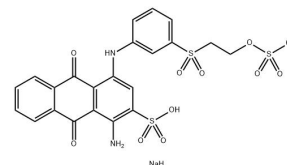


## Technical Data Sheet

### REACTIVE BLUE 19

#### Compound Information

Product Name:	REACTIVE BLUE 19
CAS No.:	2580-78-1
Molecular Formula:	C <sub>22</sub> H <sub>19</sub> N <sub>2</sub> NaO <sub>11</sub> S <sub>3</sub>
Molecular Weight:	606.57
Storage:	Store at RT
Revision Date:	2026-04-15



#### Analytical Information

Tests	Specifications
Form	Crystalline Powder
Color	Dark blue
Solubility	water: 1 mg/mL, blue
UV	Wavelength of Maximum Absorption : $\lambda_{max}$ 570 -600 nm; Absorptivity (1%/1cm) : $\geq 75$ (at $\lambda_{max}$ )
Specification Reference	suitable for Hematology & Histology
Dye Content	~50% Calculated from Nitrogen
Nitrogen Content	1.8 - 2.9 %
<a href="#">IR</a>	Pass test

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