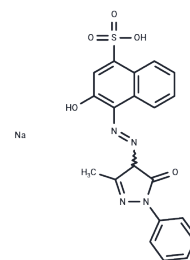


C.I. 18760

## Chemical Properties

CAS No. :	3618-63-1
Formula:	C <sub>20</sub> H <sub>16</sub> N <sub>4</sub> NaO <sub>5</sub> S
Molecular Weight:	447.42
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	C.I. 18760 is a dye in the form of a bluish red powder. Its aqueous solution is yellowish to brownish red, turning reddish orange with dilute sulphuric acid; with concentrated caustic soda it turns brilliant red. In concentrated sulfuric acid is rose red, diluted to orange; in concentrated nitric acid the color disappears. It is used for dyeing and printing of wool, silk and its fabrics, also can dye nylon and its blended fabrics.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: Soluble, ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.235 mL	11.1752 mL	22.3504 mL
5 mM	0.447 mL	2.235 mL	4.4701 mL
10 mM	0.2235 mL	1.1175 mL	2.235 mL
50 mM	0.0447 mL	0.2235 mL	0.447 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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