

## C.I. Mordant Brown 1

## Chemical Properties

CAS No. :	3564-15-6
Formula:	C <sub>22</sub> H <sub>17</sub> N <sub>7</sub> NaO <sub>6</sub> S
Molecular Weight:	530.47
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. Mordant Brown 1 is an azo dye with $\lambda_{max}$ of 373 nm, 487 nm (2nd).C.I. Mordant Brown 1 also inhibits CD40-CD154 co-stimulation of protein-protein interactions.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8851 mL	9.4256 mL	18.8512 mL
5 mM	0.377 mL	1.8851 mL	3.7702 mL
10 mM	0.1885 mL	0.9426 mL	1.8851 mL
50 mM	0.0377 mL	0.1885 mL	0.377 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.

## Reference

Margolles-Clark E, et al. Effective and specific inhibition of the CD40-CD154 costimulatory interaction by a naphthalenesulphonic acid derivative. Chem Biol Drug Des. 2010 Oct;76(4):305-13.

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