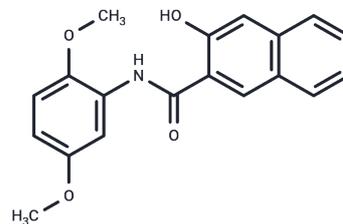


C.I. 37545

Chemical Properties

CAS No. :	92-73-9
Formula:	C19H17NO4
Molecular Weight:	323.35
Appearance:	no data available
Storage:	keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year


Biological Description

Description	C.I. 37545 is also known as Azoic dyes. C.I. 37545 is impregnated cotton with an alkaline solution of β -naphthol, then treated it with a diazo solution obtained from aniline, a toluidine, xylydine, naphthylamine, aminoazobenzene or aminoazotoluene, so that particles of an azo pigment were formed and became firmly fixed within the fibre. Sensitisation to PPD on a henna tattoo with cross reaction to azoic dyes. may produce an increase in the frequency of contact dermatitis due to henna mixtures with cross-reaction to related compounds and possibly producing permanent skin changes.
-------------	--

Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0926 mL	15.4631 mL	30.9262 mL
5 mM	0.6185 mL	3.0926 mL	6.1852 mL
10 mM	0.3093 mL	1.5463 mL	3.0926 mL
50 mM	0.0619 mL	0.3093 mL	0.6185 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.

Reference

Oturkar CC, Patole MS, R Gawai K, Madamwar D. Enzyme based cleavage strategy of Bacillus lentus B1377 in response to metabolism of azoic recalcitrant. Bioresour Technol. 2013 Feb;130:360-5. doi: 10.1016/j.biortech.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481