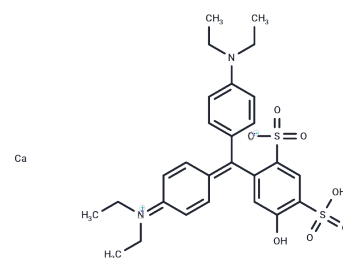


Patent Blue V calcium salt

Chemical Properties

CAS No. :	3536-49-0
Formula:	C54H62CaN4O14S4
Molecular Weight:	1159.42
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	Acid blue is a dark bluish synthetic triphenylmethane dye. It used as a food coloring. The color of the dye is pH-dependent. The structure is also redox-sensitive, changing from a reduced yellow form to an oxidized red form in solution. It is usable as a reversible redox indicator in some analytical methods.
-------------	---

Solubility Information

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

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8625 mL	4.3125 mL	8.625 mL
5 mM	0.1725 mL	0.8625 mL	1.725 mL
10 mM	0.0863 mL	0.4313 mL	0.8625 mL
50 mM	0.0173 mL	0.0863 mL	0.1725 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

Langner-Viviani F, Chappuis S, Bergmann MM, Ribi C. [Anaphylaxis to blue dyes]. Rev Med Suisse. 2014 Apr 16;10 (426):876-80. French. PubMed PMID: 24834647.

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