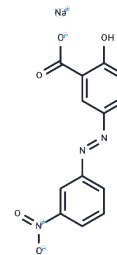


Metachrome yellow

Chemical Properties

CAS No. :	584-42-9
Formula:	C ₁₃ H ₉ N ₃ NaO ₅
Molecular Weight:	310.221
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	Metachrome yellow is a dye.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2235 mL	16.1176 mL	32.2352 mL
5 mM	0.6447 mL	3.2235 mL	6.447 mL
10 mM	0.3224 mL	1.6118 mL	3.2235 mL
50 mM	0.0645 mL	0.3224 mL	0.6447 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

- Weber A, Wachowitz R. [The detection of salmonellas using Rambach agar]. Berl Munch Tierarztl Wochenschr. 1994 Feb;107(2):43-4. German. PubMed PMID: 7993335.
- Hofer E, Silva CH. An evaluation of the efficiency of enrichment media in the isolation process for *Vibrio parahaemolyticus*. Zentralbl Bakteriell Mikrobiol Hyg A. 1984 Apr;256(4):456-65. PubMed PMID: 6377759.
- Tiagunenkov IuV. [Suppression of the conjugational transfer of derepressed R factors by the dye, metachrome yellow]. Antibiotiki. 1975 Apr;20(4):358-62. Russian. PubMed PMID: 1108773.
- Mayer H, Schindler S, Weisser W. [Investigations of some metachrome-yellow-preparations as a basic ingredient for metachromgelb-wasserblau-laktose-agar (Gassners medium) (author's transl)]. Zentralbl Bakteriell Orig A. 1975;230(3):406-14. German. PubMed PMID: 49992.

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