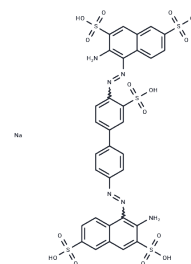


Trypan red

Chemical Properties

CAS No. :	574-64-1
Formula:	C32H24N6NaO15S5
Molecular Weight:	915.86
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	Trypan red is a vital dye.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0919 mL	5.4593 mL	10.9187 mL
5 mM	0.2184 mL	1.0919 mL	2.1837 mL
10 mM	0.1092 mL	0.5459 mL	1.0919 mL
50 mM	0.0218 mL	0.1092 mL	0.2184 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

POSCHEL PH. An effect of the vital dye trypan red on approach-avoidance conflict. J Comp Physiol Psychol. 1958 Aug;51(4):448-51.

HURST EW, et al. The prevention of encephalitis due to the viruses of eastern equine encephalomyelitis and louping-ill: experiments with trypan red, mepacrine, and many other substances. Br J Pharmacol Chemother. 1952 Sep;7(3):455-72.

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