
Product Data Sheet

Product Name: Trypan red (C.I. 22850)

Cat. No.: GC30595

Chemical Properties

Cas. No. 574-64-1

SMILES O=S(C1=CC(C2=CC=C(/N=N/C3=C4C=CC(S(=O)([O-])=O)=CC4=CC(S(=O)([O-])=O)=C3N)C=C2)=CC=C1/N=N/C5=C6C=CC(S(=O)([O-])=O)=CC6=CC(S(=O)([O-])=O)=C5N)([O-])=O.[Na+].[Na+].[Na+].[Na+].[Na+]

Formula C₃₂H₁₉N₆Na₅O₁₅S₅

M.Wt

1002.8

Solubility Soluble in DMSO

Storage

Store at -20°C

General tips

For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Trypan red is a vital stain.

[1]. POSCHEL PH. An effect of the vital dye trypan red on approach-avoidance conflict. J Comp Physiol Psychol. 1958 Aug;51(4):448-51. [2]. 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.

Caution: Product has not been fully validated for medical applications. For research use only.

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