

Product Data Sheet

Product Name: Calmagite

Cat. No.: GC33507

Chemical Properties

Cas. No. 3147-14-6

SMILES O=S(C1=C2C=CC=CC2=C(/N=N/C3=CC(C)=CC=C3O)C(O)=C1)(O)=O

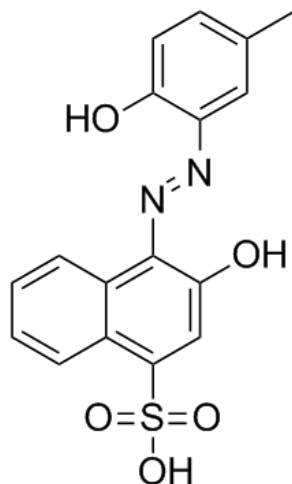
Formula $C_{17}H_{14}N_2O_5S$ M.Wt 358.37

Solubility DMSO : 6 mg/mL (16.74 mM) 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

Calmagite is a complexometric indicator which can be used to detect calcium and magnesium in

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various samples.

[1]. Rasouli Z, et al. Simultaneously detection of calcium and magnesium in various samples by calmagite and chemometrics data processing. Spectrochim Acta A Mol Biomol Spectrosc. 2016 Dec 5;169:72-81.

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