

Product Data Sheet

Product Name: Leucomalachite green

Cat. No.: GC60987

Chemical Properties

Cas. No. 129-73-7

SMILES CN(C)C1=CC=C(C(C2=CC=C(N(C)C)C=C2)C3=CC=CC=C3)C=C1

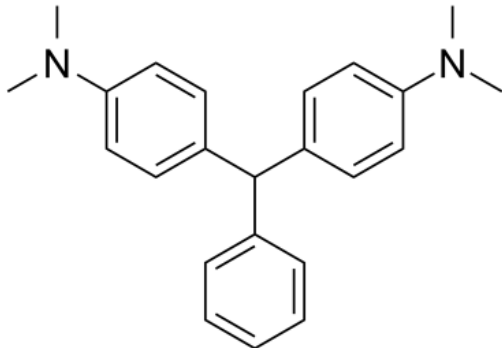
Formula $C_{23}H_{26}N_2$ M.Wt 330.47

Solubility DMSO: 100 mg/mL (302.60 mM) Storage Store at -20°C, protect from light

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

Leucomalachite green is a triphenylmethane dye used to detect blood. Leucomalachite green, a

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

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major metabolite of malachite green, is a potential carcinogen, teratogen and mutagen[1][2].

[1]. Ya-hui Li, et al. Development of a group selective molecularly imprinted polymers based solid phase extraction of malachite green from fish water and fish feed samples. Anal Chim Acta. 2008 Aug 29;624(2):317-25. [2]. Kohji Ishihama, et al. Floating aerial blood mists in the operating room. J Hazard Mater. 2010 Sep 15;181(1-3):1179-81.

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