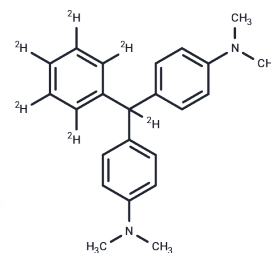


Leucomalachite Green-D6

Chemical Properties

CAS No. :	1173021-13-0
Formula:	C ₂₃ H ₂₀ D ₆ N ₂
Molecular Weight:	336.50
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Leucomalachite Green-D6 is a deuterated compound of Leucomalachite Green. Leucomalachite Green (T32668) has a CAS number of 129-73-7. Leucomalachite green is used in detecting latent bloodstains and in the forensic field because of convenience and cost/time-effectiveness.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9718 mL	14.8588 mL	29.7177 mL
5 mM	0.5944 mL	2.9718 mL	5.9435 mL
10 mM	0.2972 mL	1.4859 mL	2.9718 mL
50 mM	0.0594 mL	0.2972 mL	0.5944 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

Nebbia C, et al. In vitro interactions of malachite green and leucomalachite green with hepatic drug-metabolizing enzyme systems in the rainbow trout (*Onchorhynchus mykiss*). *Toxicol Lett.* 2017 Oct 5;280:41-47. doi: 10.1016/j.toxlet.2017.07.900. Epub 2017 Aug 9. PubMed PMID: 28802653.

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