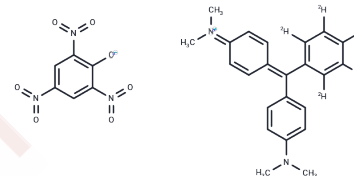


Malachite Green-D5 picrate

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 1258668-21-1 |
| Formula: | C ₂₉ H ₂₂ D ₅ N ₅ O ₇ |
| Molecular Weight: | 562.59 |
| 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 | Malachite Green-D5 picrate is a deuterated compound of Malachite Green picrate. Malachite Green picrate has a CAS number of 57704-66-2. Malachite green (Solid Green Crystals O) is an N-methylated diaminotriphenylmethane dye used for coloring. |
|-------------|--|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.7775 mL | 8.8875 mL | 17.7749 mL |
| 5 mM | 0.3555 mL | 1.7775 mL | 3.555 mL |
| 10 mM | 0.1777 mL | 0.8887 mL | 1.7775 mL |
| 50 mM | 0.0355 mL | 0.1777 mL | 0.3555 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

Zhou Z, et al. Synthesis of magnetic mesoporous Fe(3)O(4)@PEI-MOF-5 for the effective enrichment of malachite green and crystal violet in fish samples. J Chromatogr A. 2018 May 9. pii: S0021-9673(18)30588-0. doi: 10.1016/j.chroma.2018.05.016. [Epub ahead of print] PubMed PMID: 29759648.

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