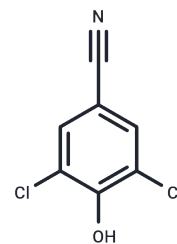


Chloroxynil

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 1891-95-8 |
| Formula: | C7H3Cl2NO |
| Molecular Weight: | 188.01 |
| 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 | Chloroxynil acts as an activator for Agrobacterium tumefaciens Vir genes, enhancing T-DNA transfer efficiency by stimulating Vir gene expression in Agrobacterium. Chloroxynil holds potential for studying transformation efficiency mediated by rhizobia in legumes and rice. |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 5.3189 mL | 26.5943 mL | 53.1887 mL |
| 5 mM | 1.0638 mL | 5.3189 mL | 10.6377 mL |
| 10 mM | 0.5319 mL | 2.6594 mL | 5.3189 mL |
| 50 mM | 0.1064 mL | 0.5319 mL | 1.0638 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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