



## CERTIFICATE OF ANALYSIS

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### 1. Identification

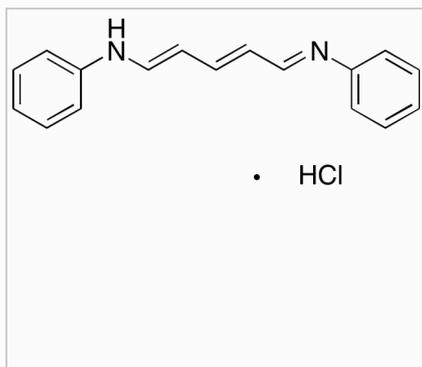
**Catalogue Number:** G596930

**CAS Number:** 1497-49-0

**Product:** Glutacondianil Hydrochloride

**Synonym:** N-[5-(Phenylamino)-2,4-pentadien-1-ylidene]benzenamine Hydrochloride; N,N'-1,3-Pentadien-1-yl-5-ylidenedianiline Hydrochloride; N,N'-1,3-Pentadien-1-yl-5-ylidenedianiline Monohydrochloride; N-[5-(Phenylamino)-2,4-pentadienylidene]benzenamine Monohydrochloride; 1-Phenylamino-5-phenylimino-1,3-pentadiene Hydrochloride; Glutaconaldehyde Dianil Chloride; Glutaconaldehyde Dianilide Hydrochloride; Glutaconic Aldehyde Dianil Hydrochloride; Pentadienedianiline Hydrochloride

**Structure:**



**Molecular Formula:**

$C_{17}H_{16}N_2 \cdot HCl$

**Molecular weight:**

248.32 + (36.46)

**Source of Product:**

N/A

**Solubility:**

DMSO (Slightly), Methanol (Slightly)

**Lot Number:** 12-FGD-919-1

**Purity:** 93%

**Shipping Condition:** This Product Is Stable To Be Shipped At Room Temperature

**Storage Condition:** 4°C, Hygroscopic

### 2. Warning

**Warning 1:**

**Warning 2:**

**Warning 3:**

### 3. Analytical Information

| Tests:             | Specifications:            | Results:                       |
|--------------------|----------------------------|--------------------------------|
| Appearance         | Red to Very Dark Red Solid | Very Dark Red Solid            |
| NMR                | Conforms to Structure      | Conforms                       |
| Elemental Analysis | Conforms                   | %C: 70.81, %H: 6.07, %N: 10.35 |
| MS                 | Conforms to Structure      | Conforms                       |
| UV Absorbance      | Report Result              | 271 nm, 481 nm                 |
| Chloride Content   | Report Result              | 12.3%                          |

**Additional Information:** N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of  $\pm 2\%$ . Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

### 4. Signatures

| <b>Reviewed By</b>  | <b>Reviewed By</b>  | <b>C of A Approved By</b>   | <b>Test Date</b> | <b>Retest Date</b> |
|---|---|---|------------------|--------------------|
| Evan Burns  | Toni Rantanen   | Chanell Chu   | 1/11/2022        | 1/9/2026           |
|  |  |  |                  |                    |