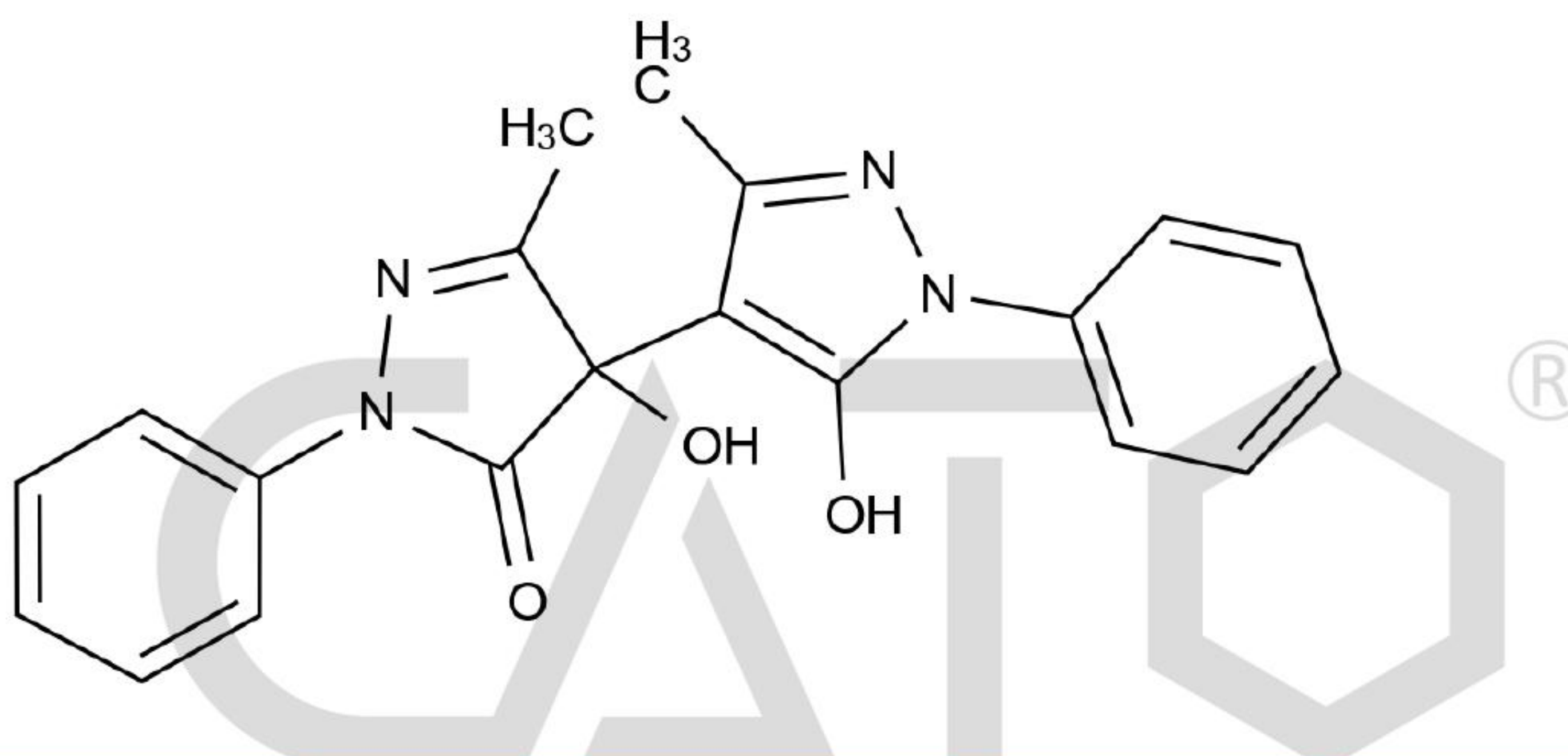


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                               |                   |                                           |
|--------------------|---------------------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Edaravone impurity 53                                         | Catalogue Number: | C4X-106253                                |
| Synonyms:          | N/A                                                           | Lot Number:       | 1016-RG-0092                              |
| CAS Number:        | 92558-29-7                                                    | Expiry Date:      | Mar 10, 2027                              |
| Molecular Formula: | C <sub>20</sub> H <sub>18</sub> N <sub>4</sub> O <sub>3</sub> | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 362.38                                                        |                   |                                           |

Chemical Structure:



| Test Items     | Method               | Results          |
|----------------|----------------------|------------------|
| Appearance     | Visual inspection    | Pale Beige Solid |
| Identification | LCMS&IR&UV&CNMR&HNMR | Confirmed        |
| Purity         | HPLC                 | 91.27%           |
| Loss On Drying | TGA                  | 0.0922%          |
| Assay          |                      | 91.2%            |

## Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) \* Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

## Signature:

Prepared by:

*Lily*

Reviewed by:

*Hinlam*

Approved by General Manager:

*David*

Date: Oct 17, 2025

Date: Oct 17, 2025

Date: Oct 17, 2025



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

