# MedChemExpress

## Certificate of Analysis

# Inhibitors • Screening Libraries • Proteins

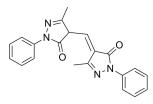
### **Solvent Yellow 93**

| Cat. No.:      | HY-D0376  |  |
|----------------|---|--|
| CAS No.:       | 4702-90-3   |  |
| Batch No.:     | 312144  |  |
| Chemical Name: | 3H-Pyrazol-3-one, 4-[(1,5-dihydro-3-methyl-5-oxo-1-phenyl-4H-pyrazol-4-ylidene)methyl]-2,4-di |  |
|                | hydro-5-methyl-2-phenyl-  |  |

### PHYSICAL AND CHEMICAL PROPERTIES

| Molecular Formula: | $C_{21}H_{18}N_4O_2$  |
|--------------------|---|
| Molecular Weight:  | 358.39  |
| Storage:           | 4°C, protect from light   |
|                    | * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light) |

### **Chemical Structure:**



### ANALYTICAL DATA

| Appearance:                  | Yellow to orange (Solid)  |
|------------------------------|---|
| <sup>1</sup> H NMR Spectrum: | Consistent with structure   |
| MS:                          | Consistent with structure   |
| Purity (HPLC):               | 99.11%  |
| Conclusion:                  | The product has been tested and complies with the given specifications. |
|                              |   |

Caution: Product has not been fully validated for medical applications. For research use only.

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