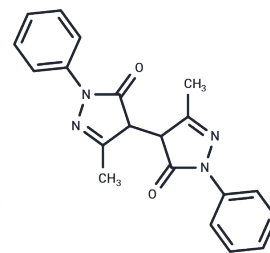


Bispyrazolone

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 7477-67-0 |
| Formula: | C ₂₀ H ₁₈ N ₄ O ₂ |
| Molecular Weight: | 346.38 |
| Appearance: | no data available |
| Storage: | Powder: -20°C for 3 years In solvent: -80°C for 1 year |



Biological Description

| | |
|---------------|--|
| Description | Bispyrazolone (NSC-37393) is light yellow or white crystalline powder. |
| Targets(IC50) | Others |

Solubility Information

| | |
|------------|--|
| Solubility | DMSO: 3.46 mg/mL (10 mM), Sonication is recommended. (< 1 mg/mL refers to the product slightly soluble or insoluble) |
|------------|--|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|-----------|
| 1 mM | 2.887 mL | 14.435 mL | 28.870 mL |
| 5 mM | 0.5774 mL | 2.887 mL | 5.774 mL |
| 10 mM | 0.2887 mL | 1.4435 mL | 2.887 mL |
| 50 mM | 0.0577 mL | 0.2887 mL | 0.5774 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.

Reference

Sornyotha, S., Kyu, K., & Ratanakhanokchai, K. (2010). An efficient treatment for detoxification process of cassava starch by plant cell wall-degrading enzymes. *Journal Of Bioscience And Bioengineering*, 109(1), 9-14. doi: 10.1016/j.jbiosc.2009.06.021

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