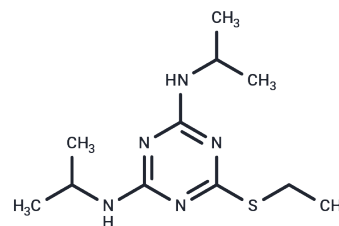


## Dipropetryn

### Chemical Properties

|                   |                                                          |
|-------------------|----------------------------------------------------------|
| CAS No. :         | 4147-51-7                                                |
| Formula:          | C <sub>11</sub> H <sub>21</sub> N <sub>5</sub> S         |
| Molecular Weight: | 255.38                                                   |
| Appearance:       | no data available                                        |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year |



### Biological Description

|             |                                                                                                   |
|-------------|---------------------------------------------------------------------------------------------------|
| Description | Dipropetryn, a triazine herbicide, is used to remove annual broadleaf weeds and gramineous weeds. |
|-------------|---------------------------------------------------------------------------------------------------|

### Solubility Information

|            |                                                                                      |
|------------|--------------------------------------------------------------------------------------|
| Solubility | DMSO: Soluble,<br>( $< 1$ mg/ml refers to the product slightly soluble or insoluble) |
|------------|--------------------------------------------------------------------------------------|

### Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 3.9157 mL | 19.5787 mL | 39.1573 mL |
| 5 mM  | 0.7831 mL | 3.9157 mL  | 7.8315 mL  |
| 10 mM | 0.3916 mL | 1.9579 mL  | 3.9157 mL  |
| 50 mM | 0.0783 mL | 0.3916 mL  | 0.7831 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

Zhang L, Yu R, Wang Z, Li N, Zhang H, Yu A. Determination of triazine herbicides in vegetables by ionic liquid foam floatation solid phase extraction high performance liquid chromatography. J Chromatogr B Analyt Technol Biomed

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