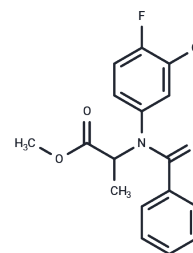


## Flamprop-methyl

### Chemical Properties

|                   |                                                          |
|-------------------|----------------------------------------------------------|
| CAS No. :         | 52756-25-9                                               |
| Formula:          | C <sub>17</sub> H <sub>15</sub> ClFNO <sub>3</sub>       |
| Molecular Weight: | 335.76                                                   |
| Appearance:       | no data available                                        |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year |



### Biological Description

|             |                                                                                 |
|-------------|---------------------------------------------------------------------------------|
| Description | Flamprop-methyl is a post-emergence herbicide, it is usually used on wild oats. |
|-------------|---------------------------------------------------------------------------------|

### 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  | 2.9783 mL | 14.8916 mL | 29.7832 mL |
| 5 mM  | 0.5957 mL | 2.9783 mL  | 5.9566 mL  |
| 10 mM | 0.2978 mL | 1.4892 mL  | 2.9783 mL  |
| 50 mM | 0.0596 mL | 0.2978 mL  | 0.5957 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

Zertal A, Jacquet M, Lavédrine B, Sehili T. Photodegradation of chlorinated pesticides dispersed on sand. Chemosphere. 2005 Mar;58(10):1431-7. PubMed PMID: 15686762.

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