

Triclopyr 2-butoxyethyl ester

Chemical Properties

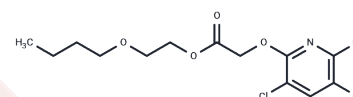
CAS No. : 64700-56-7

Formula: C₁₃H₁₆Cl₃NO₄

Molecular Weight: 356.63

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

| | |
|---------------|---|
| Description | Triclopyr 2-butoxyethyl ester (Triclopyr-butotyl) is a bioactive substance. Triclopyr 2-butoxyethyl ester shows toxicity to Apis mellifera. |
| Targets(IC50) | Others |

Solubility Information

| | |
|------------|---|
| Solubility | DMSO: 50 mg/mL (140.2 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.804 mL | 14.0201 mL | 28.0403 mL |
| 5 mM | 0.5608 mL | 2.804 mL | 5.6081 mL |
| 10 mM | 0.2804 mL | 1.402 mL | 2.804 mL |
| 50 mM | 0.0561 mL | 0.2804 mL | 0.5608 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Li, Xiao; Journal of Chemical Information and Modeling (2017), 57(12), 2948-2957, CAlplus and MEDLINE

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