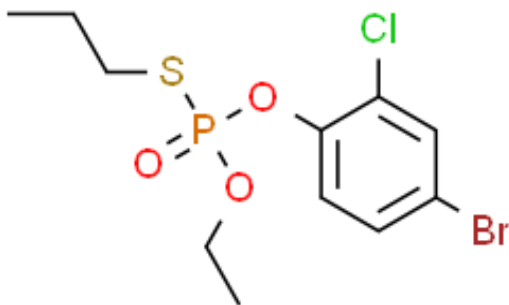


## Product Data Sheet

|                                                          |                                                                                                                                                                                                 |              |         |
|----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|---------|
| Cas No.:                                                 | 41198-08-7                                                                                                                                                                                      | Cat. No:     | PL05429 |
| Product Name:                                            | Profenofos                                                                                                                                                                                      |              |         |
| Product synonym:                                         | 丙溴磷;溴丙磷;S-正丙基-O-乙基-O-邻氯对溴苯基硫代磷酸酯;2-((2,6-二氯苯基)氨基)苯乙酸 1-吡咯烷乙醇盐;O-4-溴-2-氯苯基;O-乙基;S-丙基硫赶磷酸酯;丙溴磷 标准品;O-(4-溴-2-氯苯基)-O-乙基-S-丙基-硫代磷酸酯;丙溴磷 ,多虫清;丙溴磷,O-乙基-O-(4-溴-2-氯苯基)-S-丙基硫代磷酸酯;丙溴灵;布飞松[台] 标准品;多虫磷;溴氯磷 |              |         |
| Chemical name:                                           | Profenofos                                                                                                                                                                                      |              |         |
| MF:                                                      | C11H15BRClO3PS                                                                                                                                                                                  | FW:          | 373.63  |
| Purity:                                                  | ≥95%                                                                                                                                                                                            | Batch No.:   | -       |
| Storage:                                                 |                                                                                                                                                                                                 |              |         |
| Structural formula:                                      |                                                                                                              |              |         |
| λmax:                                                    | -                                                                                                                                                                                               | Formulation: | -       |
| Solubility :                                             |                                                                                                                                                                                                 |              |         |
| SMILES :                                                 | CCCSP(=O)(OCC)OC1=C(C=C(C=C1)Br)Cl                                                                                                                                                              |              |         |
| InChI Code:                                              | -                                                                                                                                                                                               |              |         |
| InChI Key:                                               |                                                                                                                                                                                                 |              |         |
| WARNING This product is not for human or veterinary use. |                                                                                                                                                                                                 |              |         |

## Product Description

Profenofos 是一种杀虫剂，广泛应用于农田作物、蔬菜和水果作物。Profenofos 是一种乙酰胆碱酯酶 (AChE) 抑制剂，具有神经毒性。

|       |                                                                                                                                                            |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 生物活性  | Profenofos is an insecticida used on field crops, vegetables, and fruit crops. Profenofos is an acetylcholinesterase (AChE) inhibitor, with neurotoxicity. |
| 包装储存  | 4°C, protect from light In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)                                                                  |
| 溶解度数据 | In Vitro: DMSO : 50 mg/mL (133.82 mM; Need ultrasonic)配制储备液                                                                                                |