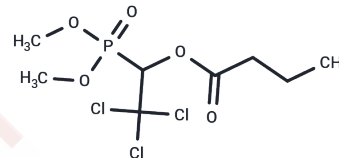


Butonate

Chemical Properties

CAS No. :	126-22-7
Formula:	C ₈ H ₁₄ Cl ₃ O ₅ P
Molecular Weight:	327.53
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Butonate is an Anthelmintic agent.
Targets(IC50)	Others,Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0532 mL	15.2658 mL	30.5316 mL
5 mM	0.6106 mL	3.0532 mL	6.1063 mL
10 mM	0.3053 mL	1.5266 mL	3.0532 mL
50 mM	0.0611 mL	0.3053 mL	0.6106 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

- Quistad GB, Nomura DK, Sparks SE, Segall Y, Casida JE. Cannabinoid CB1 receptor as a target for chlorpyrifos oxon and other organophosphorus pesticides. *Toxicol Lett.* 2002 Sep 5;135(1-2):89-93. PubMed PMID: 12243867.
- Seidel F, Jahn D, Kirst E, Meeser G, Cersovsky H, Frick W. [Current views on the use of organophosphate insecticides for ectoparasitic control in lactating cattle]. *Z Gesamte Hyg.* 1985 Aug;31(8):470-2. German. PubMed PMID: 4060787.
- Leřka ZA. [Chromatographic determination of micro amounts of butonate]. *Gig Sanit.* 1983 Jan;(1):52-3. Russian. PubMed PMID: 6826070.
- Braun R, Schöneich J, Weissflog L, Dedek W. Activity of organophosphorus insecticides in bacterial tests for mutagenicity and DNA repair--direct alkylation vs. metabolic activation and breakdown. I. Butonate, vinylbutonate, trichlorfon, dichlorvos, demethyl dichlorvos and demethyl vinylbutonate. *Chem Biol Interact.* 1982 Apr;39(3):339-50. PubMed PMID: 7074710.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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