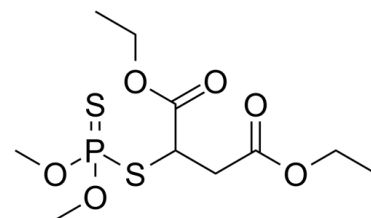


Data Sheet

Product Name:	Malathion
Cat. No.:	CS-4416
CAS No.:	121-75-5
Molecular Formula:	C ₁₀ H ₁₉ O ₆ PS ₂
Molecular Weight:	330.36
Target:	AChE
Pathway:	Neuronal Signaling
Solubility:	DMSO : ≥ 3.8 mg/mL (11.50 mM)



BIOLOGICAL ACTIVITY:

Malathion is an organophosphate parasymphomimetic which binds irreversibly to cholinesterase, is an insecticide of relatively low human toxicity.

CAIndexNames:

Butanedioic acid, 2-[[dimethoxyphosphinothioyl]thio]-, 1,4-diethyl ester

SMILES:

O=C(OCC)C(SP(OC)(OC)=S)CC(OCC)=O

Caution: Product has not been fully validated for medical applications. For research use only.

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