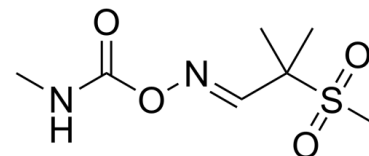


Data Sheet

Product Name:	Aldicarb (sulfone)
Cat. No.:	CS-3316
CAS No.:	1646-88-4
Molecular Formula:	C ₇ H ₁₄ N ₂ O ₄ S
Molecular Weight:	222.26206
Target:	Cholinesterase (ChE)
Pathway:	Neuronal Signaling
Solubility:	DMSO : ≥ 34 mg/mL (152.97 mM)



BIOLOGICAL ACTIVITY:

Aldicarb sulfone (Temik sulfone) is a carbamate insecticide; is a cholinesterase inhibitor which prevents the breakdown of acetylcholine in the synapse.

CAIndexNames:

Propanal, 2-methyl-2-(methylsulfonyl)-, O-[(methylamino)carbonyl]oxime

SMILES:

CC(S(=O)(C)=O)(C)=O/C=N/OC(NC)=O

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

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