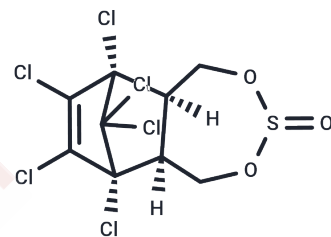


Endosulfan II

Chemical Properties

CAS No. :	33213-65-9
Formula:	C ₉ H ₆ Cl ₆ O ₃ S
Molecular Weight:	406.92
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	Endosulfan II, an organochlorine insecticide and a stereoisomer of Endosulfan I, effectively targets various insects such as bollworms and tobacco budworms, with lethal doses (LD50s) of 4.14 and 4.95 mg/g, respectively. It interacts with GABA receptors in rat brain membranes, demonstrating an inhibition concentration (IC50) of 60 nM. Notably, Endosulfan II exhibits lower toxicity in rats compared to Endosulfan I, with LD50 values of 240 and 18 mg/kg, respectively.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4575 mL	12.2874 mL	24.5749 mL
5 mM	0.4915 mL	2.4575 mL	4.915 mL
10 mM	0.2457 mL	1.2287 mL	2.4575 mL
50 mM	0.0491 mL	0.2457 mL	0.4915 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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