



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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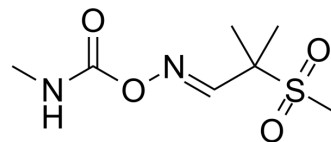
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Aldicarb sulfone

Cat. No.:	HY-17530
CAS No.:	1646-88-4
Molecular Formula:	C ₇ H ₁₄ N ₂ O ₄ S
Molecular Weight:	222.26
Target:	Cholinesterase (ChE)
Pathway:	Neuronal Signaling
Storage:	Powder -20°C 3 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 34 mg/mL (152.97 mM)
 * "≥" means soluble, but saturation unknown.

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		4.4992 mL	22.4960 mL	44.9919 mL
	5 mM		0.8998 mL	4.4992 mL	8.9984 mL
	10 mM		0.4499 mL	2.2496 mL	4.4992 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (11.25 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (11.25 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (11.25 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

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

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

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