



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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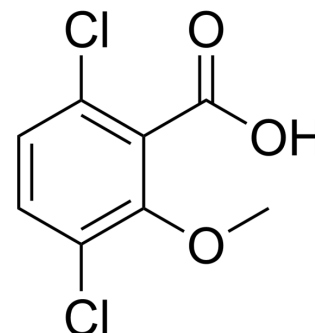
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Dicamba

Cat. No.:	HY-121267		
CAS No.:	1918-00-9		
Molecular Formula:	C ₈ H ₆ Cl ₂ O ₃		
Molecular Weight:	221.04		
Target:	Biochemical Assay Reagents		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 200 mg/mL (904.81 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	4.5241 mL	22.6203 mL	45.2407 mL
	5 mM	0.9048 mL	4.5241 mL	9.0481 mL
	10 mM	0.4524 mL	2.2620 mL	4.5241 mL

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

BIOLOGICAL ACTIVITY

Description

Dicamba is a herbicide with high water solubility and low volatility. Dicamba induces tissue damage and cell death in *Gallium aparine* L. through lipid peroxidation. Dicamba is widely used in agriculture and horticulture^[1].

REFERENCES

[1]. de Arcaute C R, et al. Evaluation of the genotoxicity of a herbicide formulation containing 3, 6-dichloro-2-methoxybenzoic acid (dicamba) in circulating blood cells of the tropical fish *Cnesterodon decemmaculatus*[J]. Mutation Research/Genetic Toxicology and Environmental Mutagenesis, 2014, 773: 1-8.

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

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