



# SZABO SCANDIC

Part of Europa Biosite

## 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

### SZABO-SCANDIC HandelsgmbH

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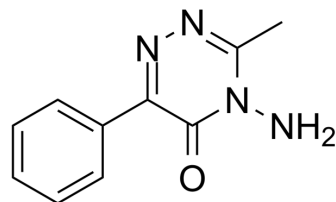
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## Metamitron

Cat. No.:	HY-W014793		
CAS No.:	41394-05-2		
Molecular Formula:	C <sub>10</sub> H <sub>10</sub> N <sub>4</sub> O		
Molecular Weight:	202.21		
Target:	Others		
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 : 100 mg/mL (494.54 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	4.9454 mL	24.7268 mL	49.4535 mL
5 mM	0.9891 mL	4.9454 mL	9.8907 mL
10 mM	0.4945 mL	2.4727 mL	4.9454 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Metamitron is a pre- and post-emergence herbicide used for the control of broad-leaved weeds and grasses in sugar beet<sup>[1]</sup>.

### REFERENCES

[1]. Shizong Wang, et al. Identification of Degradation Routes of Metamitron in Soil Microcosms Using 13 C-isotope Labeling. Environ Pollut. 2017 Jan;220(Pt B):927-935.

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

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