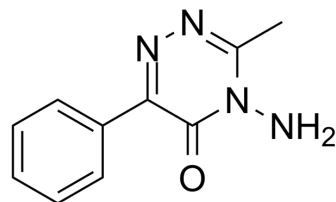


Metamitron

Cat. No.:	HY-W014793		
CAS No.:	41394-05-2		
Molecular Formula:	C ₁₀ H ₁₀ N ₄ 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^[1].

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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