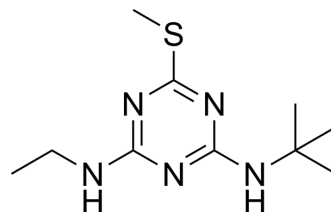


Terbutryn

Cat. No.:	HY-B1991
CAS No.:	886-50-0
Molecular Formula:	C ₁₀ H ₁₉ N ₅ S
Molecular Weight:	241.36
Target:	Others
Pathway:	Others
Storage:	<div>Powder</div> <div>-20°C 3 years</div> <div>4°C 2 years</div> <div>In solvent</div> <div>-80°C 2 years</div> <div>-20°C 1 year</div>



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 100 mg/mL (414.32 mM)
 * "≥" means soluble, but saturation unknown.

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		4.1432 mL	20.7159 mL	41.4319 mL
	5 mM		0.8286 mL	4.1432 mL	8.2864 mL
	10 mM		0.4143 mL	2.0716 mL	4.1432 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 (10.36 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
 Solubility: ≥ 2.5 mg/mL (10.36 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Terbutryn is a selective herbicide and a triazine compound. It is absorbed by the roots and foliage and acts as an inhibitor of photosynthesis.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA