# Data Sheet (Cat.No.T40627)



# Trichodesmine

Chemical Propert	ies	
CAS No. :	548-90-3	
Formula:	C18H27NO6	H <sub>3</sub>
Molecular Weight:	353.41	он
Appearance:	no data available	СН₃
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year	

### **Biological Description**

Description	Trichodesmine, a dehydropyrrolizidine alkaloid, exhibits hepatotoxic, pneumotoxic, and neurotoxic effects in vivo.
In vitro	Trichodesmine produces pulmonary and hepatic lesions in donkeys[2].

#### **Preparing Stock Solutions**

	1mg	5mg	10mg
1 mM 🛞	2.8296 mL	14.1479 m	28.2957 mL
5 mM	0.5659 mL	2.8296 mL	5.6591 mL
10 mM	0.283 mL	1.4148 mL	2.8296 mL
50 mM	0.0566 mL	0.283 mL	0.5659 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

#### Reference

Cooper RA, et, al. The relationship between reactivity of metabolites of pyrrolizidine alkaloids and extrahepatic toxicity. Proc West Pharmacol Soc. 1999;42:13-6.

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