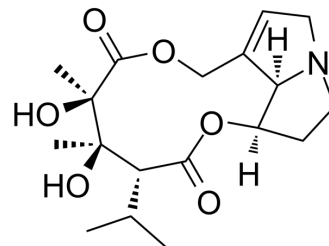


Trichodesmine

Cat. No.:	HY-12535
CAS No.:	548-90-3
Molecular Formula:	C ₁₈ H ₂₇ NO ₆
Molecular Weight:	353.41
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Trichodesmine is a dehydropyrrolizidine alkaloid. Trichodesmine can produce hepatotoxicity, pneumo- and neurotoxicity in vivo ^{[1][2]} .
In Vitro	Trichodesmine produces pulmonary and hepatic lesions in donkeys ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

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

[2]. Pessoa CRM, et, al. Pulmonary and hepatic lesions caused by the dehydropyrrolizidine alkaloid-producing plants *Crotalaria juncea* and *Crotalaria retusa* in donkeys. Toxicon. 2013 Sep;71:113-20.

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

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