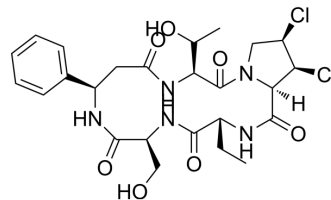


Astin A

Cat. No.:	HY-P3145
CAS No.:	151201-75-1
Molecular Formula:	C ₂₅ H ₃₃ Cl ₂ N ₅ O ₇
Molecular Weight:	586.46
Target:	Others
Pathway:	Others
Storage:	Sealed storage, away from moisture Powder -80°C 2 years -20°C 1 year



* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (213.14 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.7051 mL	8.5257 mL	17.0515 mL
5 mM	0.3410 mL	1.7051 mL	3.4103 mL
10 mM	0.1705 mL	0.8526 mL	1.7051 mL

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

BIOLOGICAL ACTIVITY

Description

Astin A is an antitumor cyclic pentapeptide. Astin A can be isolated from *Aster tataricus*^{[1][2]}.

REFERENCES

- [1]. Morita H, et al. Astins A and B, antitumor cyclic pentapeptides from *Aster tataricus*. *Chem Pharm Bull (Tokyo)*. 1993 May;41(5):992-3.
- [2]. Hui-Min Xu, et al. Astins K-P, six new chlorinated cyclopentapeptides from *Aster tataricus*. *Tetrahedron*. Volume 69, Issue 37, 16 September 2013, Pages 7964-7969.

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

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