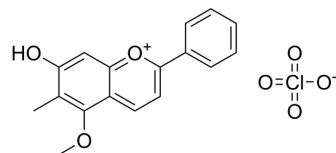


## Dracorhodin perchlorate

<b>Cat. No.:</b>	HY-N0726
<b>CAS No.:</b>	125536-25-6
<b>Molecular Formula:</b>	C <sub>17</sub> H <sub>15</sub> ClO <sub>7</sub>
<b>Molecular Weight:</b>	366.75
<b>Target:</b>	Apoptosis
<b>Pathway:</b>	Apoptosis
<b>Storage:</b>	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



### SOLVENT & SOLUBILITY

<b>In Vitro</b>	DMSO : 100 mg/mL (272.67 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	<b>Preparing Stock Solutions</b>	1 mM	2.7267 mL	13.6333 mL	27.2665 mL
		5 mM	0.5453 mL	2.7267 mL	5.4533 mL
		10 mM	0.2727 mL	1.3633 mL	2.7267 mL
Please refer to the solubility information to select the appropriate solvent.					
<b>In Vivo</b>	1. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.5 mg/mL (6.82 mM); Suspended solution; Need ultrasonic				

### BIOLOGICAL ACTIVITY

<b>Description</b>	Dracorhodin perchlorate (Dracohodin perochochlorate) is a natural product extracted from a natural medicine Dragon's blood. Dracorhodin perchlorate inhibits cell proliferation and induces cell cycle arrest and apoptosis <sup>[1][2]</sup> .
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### REFERENCES

- [1]. Jiang X, et al. Dracorhodin perchlorate regulates fibroblast proliferation to promote rat's wound healing. J Pharmacol Sci. 2018 Feb;136(2):66-72.
- [2]. He Y, et al. Dracorhodin perchlorate suppresses proliferation and induces apoptosis in human prostate cancer cell line PC-3. J Huazhong Univ Sci Technolog Med Sci. 2011 Apr;31(2):215.
- [3]. Chen X, et al. Dracorhodin perchlorate induces the apoptosis of glioma cells. Oncol Rep. 2016 Apr;35(4):2364-72.

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

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