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Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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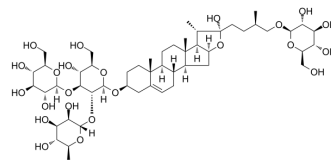
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Protogracillin

Cat. No.:	HY-N4271
CAS No.:	54848-30-5
Molecular Formula:	C ₅₁ H ₈₄ O ₂₃
Molecular Weight:	1065.2
Target:	Others
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 100 mg/mL (93.88 mM)
* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	0.9388 mL	4.6940 mL	9.3879 mL
	5 mM	0.1878 mL	0.9388 mL	1.8776 mL
	10 mM	0.0939 mL	0.4694 mL	0.9388 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 (2.35 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (2.35 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (2.35 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Protogracillin is a steroidal saponin isolated from *Dioscorea zingiberensis* Wright (DZW). Steroidal saponins from DZW rhizomes have the potential to reduce the risk of cardiovascular diseases by anti-thrombotic action^[1].

REFERENCES

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

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