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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

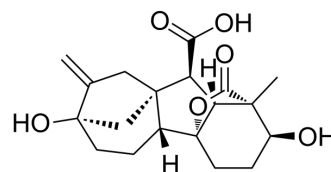
mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Gibberellin A1

Cat. No.:	HY-N7443		
CAS No.:	545-97-1		
Molecular Formula:	C ₁₉ H ₂₄ O ₆		
Molecular Weight:	348.39		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 17.86 mg/mL (51.26 mM; ultrasonic and warming and heat to 60°C)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.8703 mL	14.3517 mL	28.7035 mL
	5 mM	0.5741 mL	2.8703 mL	5.7407 mL
	10 mM	0.2870 mL	1.4352 mL	2.8703 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 1.79 mg/mL (5.14 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 1.79 mg/mL (5.14 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Gibberellin A1 is a kind of plant hormones. Gibberellin A1 is a growth-promoting acids isolated from immature seed of *Phaseolus multiflorus*^[1].

REFERENCES

- [1]. J.MacMillan, et al. Plant hormones—I: Isolation of gibberellin A1 and gibberellin A5 from *Phaseolus multiflorus*.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA