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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC Handels GmbH

Quellenstraße 110, A-1100 Wien

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

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

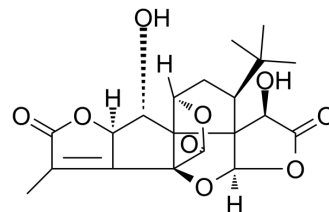
mail@szabo-scandic.com

www.szabo-scandic.com

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

Ginkgolide K

Cat. No.:	HY-N4176
CAS No.:	153355-70-5
Molecular Formula:	C ₂₀ H ₂₂ O ₉
Molecular Weight:	406.38
Target:	Autophagy
Pathway:	Autophagy
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 : 50 mg/mL (123.04 mM; ultrasonic and warming and heat to 80°C)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		2.4608 mL	12.3038 mL	24.6075 mL
		5 mM		0.4922 mL	2.4608 mL	4.9215 mL
		10 mM		0.2461 mL	1.2304 mL	2.4608 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (6.15 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.08 mg/mL (5.12 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.08 mg/mL (5.12 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Ginkgolide K, isolated from Ginkgo biloba, induces protective autophagy through the AMPK/mTOR/ULK1 signaling pathway. Ginkgolide K possesses neuroprotective activity ^[1] .
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REFERENCES

[1]. Zhang Y, et al. Ginkgolide K promotes astrocyte proliferation and migration after oxygen-glucose deprivation via inducing protective autophagy through the

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