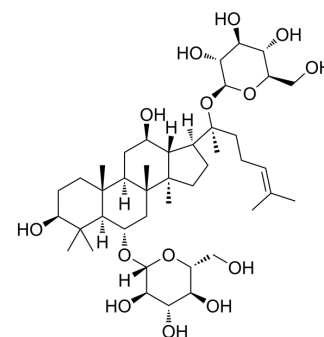


Ginsenoside Rg1 (Standard)

Cat. No.:	HY-N0045R
CAS No.:	22427-39-0
Molecular Formula:	C ₄₂ H ₇₂ O ₁₄
Molecular Weight:	801.01
Target:	Amyloid-β; NF-κB; Apoptosis
Pathway:	Neuronal Signaling; NF-κB; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 100 mg/mL (124.84 mM)
 H₂O : 10 mg/mL (12.48 mM; Need ultrasonic)
 * "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
	1 mM		1.2484 mL	6.2421 mL	12.4842 mL
	5 mM		0.2497 mL	1.2484 mL	2.4968 mL
	10 mM		0.1248 mL	0.6242 mL	1.2484 mL

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

BIOLOGICAL ACTIVITY

Description

Ginsenoside Rg1 (Standard) is the analytical standard of Ginsenoside Rg1. This product is intended for research and analytical applications. Ginsenoside Rg1 is one of the major active components of Panax ginseng. Ginsenoside Rg1 ameliorates the impaired cognitive function, displays promising effects by reducing cerebral Aβ levels. Ginsenoside Rg1 also reduces NF-κB nuclear translocation.

IC₅₀ & Target

p65

CUSTOMER VALIDATION

- ACS Appl Mater Interfaces. 2021 Dec 15.
- Free Radic Biol Med. 2021 Aug 5;S0891-5849(21)00466-4.

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- Int J Mol Sci. 2022 Sep 2;23(17):10045.
 - Mol Neurobiol. 2022 Mar 1.
 - Toxics. 2022, 10(6), 285.

See more customer validations on www.MedChemExpress.com

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

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