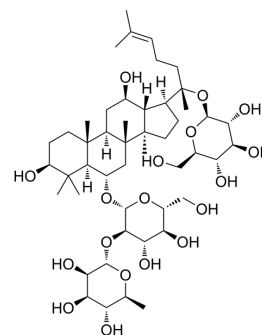


## Ginsenoside Re (Standard)

Cat. No.:	HY-N0044R
CAS No.:	52286-59-6
Molecular Formula:	C <sub>48</sub> H <sub>82</sub> O <sub>18</sub>
Molecular Weight:	947.15
Target:	Amyloid- $\beta$ ; NF- $\kappa$ B; JNK; Endogenous Metabolite
Pathway:	Neuronal Signaling; NF- $\kappa$ B; MAPK/ERK Pathway; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO :  $\geq$  50 mg/mL (52.79 mM)  
 \* " $\geq$ " means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	1.0558 mL	5.2790 mL	10.5580 mL
	5 mM	0.2112 mL	1.0558 mL	2.1116 mL
	10 mM	0.1056 mL	0.5279 mL	1.0558 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Ginsenoside Re (Standard) is the analytical standard of Ginsenoside Re. This product is intended for research and analytical applications. Ginsenoside Re (Ginsenoside B2) is an extract from *Panax notoginseng*. Ginsenoside Re decreases the  $\beta$ -amyloid protein ( $A\beta$ ). Ginsenoside Re plays a role in antiinflammation through inhibition of JNK and NF- $\kappa$ B.

#### IC<sub>50</sub> & Target

JNK      NF- $\kappa$ B

### CUSTOMER VALIDATION

- J Neurosci Res. 2019 Dec;97(12):1689-1705.

See more customer validations on [www.MedChemExpress.com](http://www.MedChemExpress.com)

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

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