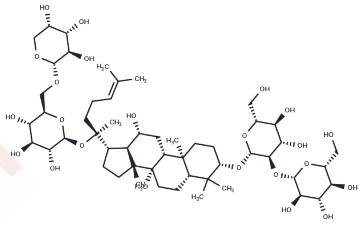
# Data Sheet (Cat.No.T3919)

TargetMol

## Ginsenoside Rb2

### Chemical Properties



CAS No. : 11021-13-9

Formula: C53H90O22

Molecular Weight: 1079.27

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

### Biological Description

| | |
|---|---|
| Description | Ginsenoside Rb2 (Ginsenoside C) found in species of Panax, upregulating GPR120 gene expression. |
| Targets(IC50) | Endogenous Metabolite,GPCR,Influenza Virus |

### Solubility Information

| | |
|---|---|
| Solubility | DMSO: 55 mg/mL (50.96 mM),Sonication is recommended.<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|---|---|---|---|
| 1 mM | 0.9266 mL | 4.6328 mL | 9.2655 mL |
| 5 mM | 0.1853 mL | 0.9266 mL | 1.8531 mL |
| 10 mM | 0.0927 mL | 0.4633 mL | 0.9266 mL |
| 50 mM | 0.0185 mL | 0.0927 mL | 0.1853 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference


Huang Q, et al. Ginsenoside-Rb2 displays anti-osteoporosis effects through reducing oxidative damage and bone-resorbing cytokines during osteogenesis. Bone. 2014 Sep;66:306-14.

Chen Z, Ni R, Hu Y, et al.A natural protopanaxatriol from Panax notoginseng enhances osteosarcoma sensitivity to ferroptosis via ASCL4 upregulation.Journal of Functional Foods.2024, 122: 106488.

Yoo YC, et al. Protective effect of ginsenoside-Rb2 from Korean red ginseng on the lethal infection of haemagglutinating virus of Japan in mice. J Ginseng Res. 2013 Mar;37(1):80-6.

Lim HJ, et al. Inhibitory effects of ginsenoside-rb2 on nicotinic stimulation-evoked catecholamine secretion. Korean J Physiol Pharmacol. 2014 Oct;18(5):431-9.

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