[**Product Information**]

**Name**: Gomisin G  
**Catalog No.**: CFN90123  
**Cas No.**: 62956-48-3  
**Purity**: >=98%  
**M.F**: C\textsubscript{30}H\textsubscript{32}O\textsubscript{9}  
**M.W**: 536.6  
**Physical Description**: Powder  
**Synonyms**:

[**Intended Use**]  
1. Reference standards;  
2. Pharmacological research;  
3. Synthetic precursor compounds;  
4. Intermediates & Fine Chemicals;  
5. Others.

[**Source**]  
The fruits of *Schizandra chinensis*.

[**Biological Activity or Inhibitors**]  
Gomisin G exhibits potent anti-HIV activity with EC\textsubscript{50} and therapeutic index (TI) values of
0.006 microgram/mL and 300, respectively.[1]

Gomisin G is a drug candidate for treatment of cardiovascular disease, and it is a good substrate of CYP2C9, and can be easily affected by the inhibitors of CYP2C9.[2]

Gomisin G exhibits anti-tumor activities, it is a drug candidate for anti-liver cancer therapy.[3]

Gomisin C and gomisin G have inhibition of human CYP3A4 and CYP3A5 enzyme, they show high herb-drug interactions (HDI) potentials.[4]

[ Solvent ]

Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

[ HPLC Method ][5]

Mobile phase: Acetonitrile-H2O, gradient elution;
Flow rate: 1.0 ml/min;
Column temperature: 30 ℃;
The wave length of determination: 217 nm.

[ Storage ]

2-8 ℃, Protected from air and light, refrigerate or freeze.

[ References ]

[ Contact ]

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