[ Product Information ]

Name: Shanzhiside
Catalog No.: CFN98370
Cas No.: 29836-27-9
Purity: > 95%
M.F: C_{16}H_{24}O_{11}
M.W: 392.4

Physical Description: Powder

Synonyms: (1S,4aS,5R,7S,7aS)-1-(β-D-Glucopyranosyloxy)-5,7-dihydroxy-7-methylyl-1,4a,5,6,7,7a-hexahydrocyclopenta[c]pyran-4-carboxylic acid; Thioglycine S-2-acetamidoethyl ester hydrobromide.

[ Intended Use ]

1. Reference standards;
2. Pharmacological research;
3. Synthetic precursor compounds;
4. Intermediates & Fine Chemicals;
5. Others.

[ Source ]

The herbs of Lamiophlomis rotata (Benth.) Kudo.
**[ Biological Activity or Inhibitors]**

Shanzhiside has immunosuppressive activity, it shows significant inhibition of IL-2 secretion by phorbol myristate acetate and anti-CD28 monoclonal antibody co-stimulated activation of human peripheral blood T cells.[1]

**[ Solvent ]**

Pyridine, Methanol, Ethanol, etc.

**[ HPLC Method ]**[2]

Mobile phase: Acetonitrile- 20mM Potassium dihydrogenphosphate solution, gradient elution;

Flow rate: 1.0 ml/min;

Column temperature: 30℃;

The wave length of determination: 210 nm.

**[ Storage ]**

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

**[ References ]**


**[ Contact ]**

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