[Product Information]

Name: Glucosylvitexin
Catalog No.: CFN99139
Cas No.: 76135-82-5
Purity: 98%
M.F: C_{27}H_{30}O_{15}
M.W: 597.52
Physical Description: Yellow powder

Synonyms: 8-(beta-D-Glucopyranosyloxy)-5,7-dihydroxy-2-(4-hydroxyphenyl)-4H-1-benzopyran-4-one mono-beta-D-glucopyranoside; vitexin-4"-o-glucoside.

[Intended Use]

1. Reference standards;
2. Pharmacological research;
3. Food and cosmetic research;
4. Synthetic precursor compounds;
5. Others.

[Source]

The fruit of *Crataegus pinnatifida* Bge.

[Biological Activity or Inhibitors]
Glucosylvitexin can inhibit thyroid peroxidase (TPO) activity, thus it can produce goitrogenic and antithyroid effects similar to those of certain other antithyroid agents and small doses of methimazole (MMI). [1]

[ Solvent ]
DMSO; Hot Methanol; Pyridine.

[ HPLC Method ] [2]
Mobile phase: Acetonitrile-1% Acetic acid H2O, gradient elution;
Flow rate: 1.0 ml/min;
Column temperature: 40 ℃;
The wave length of determination: 360 nm.

[ Storage ]
2-8°C, Protected from air and light, refrigerate or freeze.

[ References ]

[ Contact ]
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