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**Product Data Sheet**


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Product Name: Vitexin2''-O-p-coumarate

Cat. No.: GC37916

**Chemical Properties**

Cas. No. 59282-55-2

SMILES OC1=CC(O)=C2C(OC(C3=CC=C(O)C=C3)=CC2=O)=C1[C@H](O[C@H](CO)[C@@H](O)[C@@H]4O)[C@@H]4OC(/C=C/C5=CC=C(O)C=C5)=O

Formula C<sub>30</sub>H<sub>26</sub>O<sub>12</sub>

M.Wt

578.52

Solubility Soluble in DMSO

Storage

Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Vitexin2''-O-p-coumarate is isolated from fenugreek seeds. Vitexin2''-O-p-coumarate strongly promotes 2BS cell proliferation induced by H<sub>2</sub>O<sub>2</sub>[1][2].

[1]. Wang GR, et al. New flavonoids with 2BS cell proliferation promoting effect from the seeds of *Trigonella foenum-graecum* L. *J Nat Med.* 2010 Jul;64(3):358-61. [2]. S.I. Al-Sultan, et al. Effect of Aqueous Extract of Fenugreek (*Trigonella foenum-graecum* L.) On Selected Biochemical and Oxidative Stress Biomarkers in Rats Intoxicated with Carbon Tetrachloride. *International Journal of Pharmacology*, 11: 43-49.

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

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