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**Product Data Sheet**

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Product Name: Methylswertianin

Cat. No.: GC38993

**Chemical Properties**

Cas. No. 22172-17-4

SMILES O=C1C2=C(OC3=C1C(O)=CC(OC)=C3)C=CC(OC)=C2OFormula  $C_{15}H_{12}O_6$  M.Wt 288.25

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**

Methylswertianin is an active constituent in *Swertia punicea* Hemsl, with anti-diabetic effect. Methylswertianin could be useful for treating type-2 diabetes, likely via the improvement of insulin resistance (IR)[1].

[1]. Tian LY, et al. Anti-diabetic effect of methylswertianin and bellidifolin from *Swertia punicea* Hemsl. and its potential mechanism. *Phytomedicine*. 2010 Jun;17(7):533-9.

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

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