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**Product Data Sheet**


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Product Name: 6-Feruloylspinosin

Cat. No.: GC35173

**Chemical Properties**

Cas. No. 77690-92-7

SMILES O[C@@H]1[C@H]([C@H](C(C(O)=C(C2=O)C(OC(C3=CC=C(O)C=C3)=C2)=C4)=C4OC)O[C@H](CO)[C@H]1O)O[C@]([C@@H]([C@@H](O)[C@@H]5O)O)([H])O[C@@H]5COC(/C=C/C6=CC(OC)=C(O)C=C6)=O

Formula C<sub>38</sub>H<sub>40</sub>O<sub>18</sub> M.Wt 784.71

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**

6'-Feruloylspinosin is a flavonoid isolated from seeds of Ziziphus jujuba. 6'-Feruloylspinosin can cross the blood-brain barrier and enhance the expression of GABAA $\alpha$ 1, GABAA $\alpha$ 5, and GABABR1 mRNA in rat hippocampal neurons[1].

[1]. Qiao L, et al. A HPLC-MS/MS method for determination of 6''-feruloylspinosin in rat plasma and tissues: Pharmacokinetics and tissue distribution study. J Pharm Biomed Anal. 2016 Mar 20;121:77-83.

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

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