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**Product Data Sheet**

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Product Name: Chicanine

Cat. No.: GC35674

**Chemical Properties**

Cas. No. 78919-28-5

SMILES OC1=CC=C([C@@H]2O[C@@H](C3=CC=C(OCO4)C4=C3)[C@H](C)[C@@H]2C)C=C1OCFormula C<sub>20</sub>H<sub>22</sub>O<sub>5</sub> M.Wt 342.39

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**

Chicanine is a lignan compound of Schisandra chinesis, inhibits LPS-induced phosphorylation of p38 MAPK, ERK 1/2 and IκB-α, with anti-inflammatory activity[1].

[1]. Chicanine, et al. Anti-inflammatory effects of chicanine on murine macrophage by down-regulating LPS-induced inflammatory cytokines in IκBα/MAPK/ERK signaling pathways. Eur J Pharmacol. 2014 Feb 5;724:168-74.

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

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