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**Product Data Sheet**

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Product Name: Cistanoside A

Cat. No.: GC35701

**Chemical Properties**

Cas. No. 93236-42-1

SMILES OC1=C(O)C=CC(/C=C/C(O[C@H]2[C@@H]([C@H]([C@H](OCCC3=CC(OC)=C(O)C=C3)O[C@@H]2CO[C@@H]4O[C@@H]([C@@H](O)[C@H](O)[C@H]4O)CO)O)O[C@@]5([H])[C@@H]([C@@H]([C@@H](O)[C@H](C)O5)O)O)=O)=C1

Formula C<sub>36</sub>H<sub>48</sub>O<sub>20</sub>

M.Wt 800.75

Solubility DMSO : 100 mg/mL (124.88 mM; Need ultrasonic) 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**

Cistanoside A is a phenylethanoid isolated from Cistanche deserticola, reduces NO accumulation, but shows no effect on iNOS mRNA, iNOS protein levels or iNOS activity. Anti-inflammatory effect[1].

[1]. Xiong Q, et al. Inhibition of nitric oxide by phenylethanoids in activated macrophages. Eur J Pharmacol. 2000 Jul 14;400(1):137-44.

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

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