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## Product Data Sheet

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Product Name: InteriotherinA

Cat. No.: GC36320

### Chemical Properties

Cas. No. 181701-06-4

SMILES COC1=C2C3=C(CC(C)C(C)C(OC(C4=CC=CC=C4)=O)C2=CC5=C1OC(O5)C=C(OC(O6)C6=C3OC

Formula  $C_{29}H_{28}O_8$  M.Wt 504.53

Solubility Soluble in DMSO Storage Store at  $-20^{\circ}C$

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

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

Structure

### Background

Interiotherin A is a lignan with a dibenzocyclooctadiene skeleton isolated from Kadsura interior. Interiotherin A inhibits HIV replication to exhibit anti-HIV activity, it has a role as a metabolite and an anti-HIV agent[1].

Interiotherin A (Compounds 1) ( $0.8-100\mu g/mL$ ; 4 hours) inhibits HIV replication with  $EC_{50}$  values of  $3.1\mu g/mL$ [1]. Cell Cytotoxicity Assay[1] Cell Line: T cell line: HS1

[1]. Chen DF, et al. Two new lignans, interiotherins A and B, as anti-HIV principles from Kadsura interior. J Nat Prod. 1996 Nov;59(11):1066-8.

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

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