

Product Data Sheet

Product Name: InteriotherinA

Cat. No.: GC36320

Chemical Properties

Cas. No. 181701-06-4

SMILES COC1=C2C3=C(C(C(C)C(C)C(OC(C4=CC=CC=C4)=O)C2=CC5=C1OCO5)C=C(OCO6)C6=C3OC

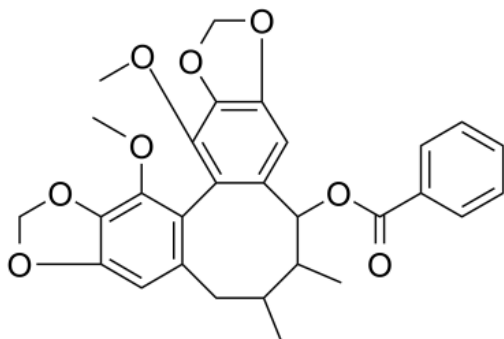
Formula C₂₉H₂₈O₈ M.Wt 504.53

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

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 µg/mL; 4 hours) inhibits HIV replication with EC₅₀ values of 3.1 µg/mL[1]. Cell Cytotoxicity Assay[1] Cell Line: T cell line: HS1

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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[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.

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