
Product Data Sheet

Product Name: Zeylenone

Cat. No.: GC37964

Chemical Properties

Cas. No. 193410-84-3

SMILES O=C1C=C[C@@H](OC(C2=CC=CC=C2)=O)[C@H](O)[C@]1(COC(C3=CC=CC=C3)=O)OFormula C₂₁H₁₈O₇ M.Wt 382.36

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**

Zeylenone, isolated from ethanol extract of the leaves of *Uvaria grandiflora* Roxb. Zeylenone, a naturally occurring cyclohexene oxide, inhibits proliferation and induces apoptosis in cervical carcinoma cells via PI3K/AKT/mTOR and MAPK/ERK pathways[1].

[1]. Zhang L, et al. Zeylenone, a naturally occurring cyclohexene oxide, inhibits proliferation and induces apoptosis in cervical carcinoma cells via PI3K/AKT/mTOR and MAPK/ERK pathways. *Sci Rep.* 2017 May 10;7(1):1669.

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

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