
Product Data Sheet

Product Name: (-)-Altenuene

Cat. No.: GC18550

Chemical Properties

Cas. No. 889101-41-1

Chemical Name 2R,3R,4aR,4a-tetrahydro-2,3,7-trihydroxy-9-methoxy-4a-methyl-6H-dibenzo[b,d]pyran-6-one

SMILES O=C1C2=C(O)C=C(OC)C=C2C3=C[C@@H](O)[C@H](O)C[C@@]3(C)O1Formula $C_{15}H_{16}O_6$ M.Wt 292.3

Solubility Acetone: 10mg/ml 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**

(-)-Altenuene is a natural mycotoxin that was first isolated from *A. tenuis*. It has antioxidant activity and inhibits cholinesterases. Unlike tenuazonic acid , (-)-altenuene does not display toxicity as assessed by the chicken embryo assay. (-)-Altenuene does not display significant topoisomerase inhibitory activity, unlike alternariol .

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

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