
Product Data Sheet

Product Name: Eupalinolide K

Cat. No.: GC36016

Chemical Properties

Cas. No. 108657-10-9

SMILES O=C(/C(C)=C/CO)O[C@H](C/C(C)=C\C[C@H](O)/C(C)=C\1)[C@](C2=C)([H])[C@]1([H])OC2=OFormula C₂₀H₂₆O₆ M.Wt 362.42

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**

Eupalinolide K, a sesquiterpene lactones compound from *Eupatorium lindleyanum*, is a STAT3 inhibitor. Eupalinolide K is a Michael reaction acceptor (MRA) [1]. STAT3

[1]. Yang B, , et al. Precise discovery of a STAT3 inhibitor from *Eupatorium lindleyanum* and evaluation of its activity of anti-triple-negative breast cancer. *Nat Prod Res.* 2019 Feb;33(4):477-485.

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

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