

Product Data Sheet

Product Name: Deoxygerfelin

Cat. No.: GC46128

Chemical Properties

Cas. No. 36149-01-6

SMILES OC1=CC(C)=CC(OC2=CC(O)=C(C(O)=O)C(C)=C2)=C1

Formula C₁₅H₁₄O₅

M.Wt 274.3

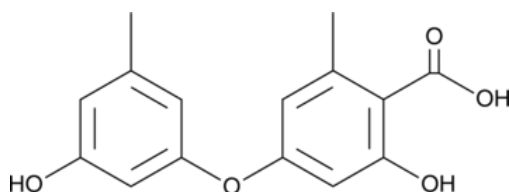
Solubility Soluble in DMSO

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

Deoxygerfelin is a phenolic antioxidant that has been found in *A. versicolor*.¹ It scavenges free radicals in a Trolox equivalent activity concentration (TEAC) assay.

[1. Wu, Z., Wang, Y., Liu, D., et al. Antioxidative phenolic compounds from a marine-derived fungus *Aspergillus versicolor*. *Tetrahedron* 72(1), 50-57 (2015).

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

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