

Product Data Sheet

Product Name: Kushenol E

Cat. No.: GC64060

Chemical Properties

Cas. No. 99119-72-9

Formula C₂₅H₂₈O₆

M.Wt 424.49

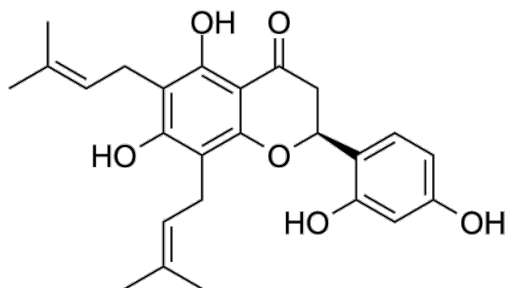
Solubility

Storage 4°C, away from moisture and light

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

Kushenol E is a class of flavonoids isolated from *Sophora flavescens* and is a non-competitive indoleamine 2,3-dioxygenase 1 (IDO1) inhibitor with an IC₅₀ of 7.7 μM and a K_i of 9.5 μM, has anti-tumor activity[1].

[1]. Kwon M, et al. Inhibitory effects of flavonoids isolated from *Sophora flavescens* on indoleamine 2,3-dioxygenase 1 activity. J Enzyme Inhib Med Chem. 2019 Dec;34(1):1481-1488.

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

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