

Product Data Sheet

Product Name: Kurarinone

Cat. No.: GC38091

Chemical Properties

Cas. No. 34981-26-5

SMILES O=C1C[C@@H](C2=CC=C(O)C=C2O)OC3=C(C[C@H](C(C)=C)C/C=C(C)\C)C(O)=CC(OC)=C13

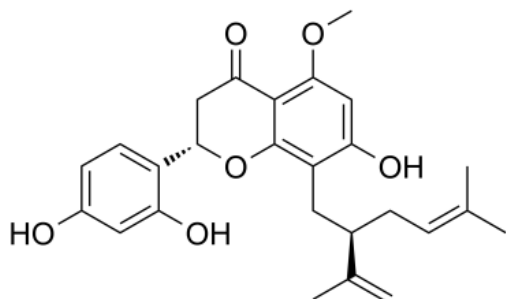
Formula $C_{26}H_{30}O_6$ M.Wt 438.51

Solubility Soluble in DMSO Storage 4°C, protect from 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

Kurarinone, a flavanoid derived from shrub *Sophora flavescens*, inhibits the process of experimental autoimmune encephalomyelitis via blocking Th1 and Th17 cell differentiation[1].

[1]. Xie L, et al. The flavonoid kurarinone inhibits clinical progression of EAE through inhibiting Th1 and Th17 cell differentiation and proliferation. *Int Immunopharmacol.* 2018 Sep;62:227-236.

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

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