

Ginkgolide B

Catalog No: tcsc3724



Available Sizes

Size: 10mg

Size: 50mg



Specifications

CAS No:

15291-77-7

Formula:

$C_{20}H_{24}O_{10}$

Pathway:

Others

Target:

Others

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 30 mg/mL (70.69 mM)

Alternative Names:

BN-52021

Observed Molecular Weight:

424.4

Product Description

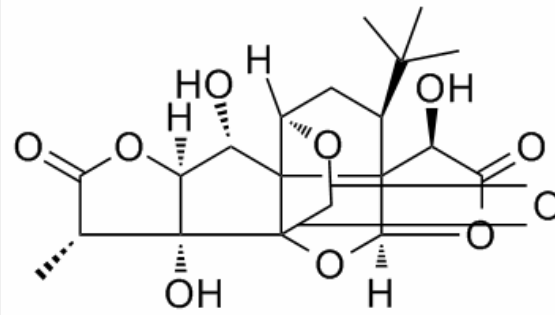
Ginkgolide B, an important active terpenoid from Ginkgo biloba leaves, is reported to increase cell viability and decrease cell apoptosis.

IC50 value:

Target:

In vitro: Ginkgolide B (0.2 or 0.4 $\mu\text{g/ml}$) was added to the culture medium in vitro led to increases in cell viability and decreases in the number of hippocampal cells undergoing AAPH-induced apoptosis [1]. Ginkgolide B caused a dose-related protection against dysrhythmias; the antiarrhythmic effect of ginkgolide B was comparable to that of diltiazem and superior to the activity of metoprolol. Ginkgolide B can presumably prevent the re-entry mechanism involved in the development of ischemia-induced rhythm disturbances [2].

In vivo: Oral administration of ginkgolide B (2 mg/kg/day, p.o.) caused a significant increase in cell viability and a highly significant decrease in the numbers of both spontaneously occurring and AAPH-induced apoptoses.



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