

Loureirin A

Catalog No: tcsc7883



Available Sizes

Size: 5mg



Specifications

CAS No:

119425-89-7

Formula:

$C_{17}H_{18}O_4$

Pathway:

PI3K/Akt/mTOR

Target:

Akt

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 86.6 mg/mL (302.46 mM)

Observed Molecular Weight:

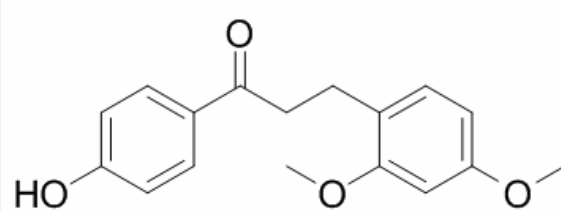
286.32

Product Description

Loureirin A is a flavonoid extracted from Dragon\'s Blood, can inhibit **Akt** phosphorylation, and has antiplatelet activity.

IC50 & Target: Akt^[1]

In Vitro: Loureirin A (50 μ M, 100 μ M) inhibits collagen-induced platelet ATP secretion and thrombin-stimulated P-selectin expression in a dose-dependent manner. Loureirin A also significantly impairs platelet spreading on immobilized fibrinogen. Loureirin A almost completely eliminates collagen-induced Akt phosphorylation at Ser473 at the dose of 100 μ M, and has an additive inhibitory effect with the phosphoinositide 3-kinase (PI3K) inhibitor Ly294002 on collagen-induced Akt phosphorylation in platelets at 50 μ M^[1].



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