

LQB-118

Chemical Properties

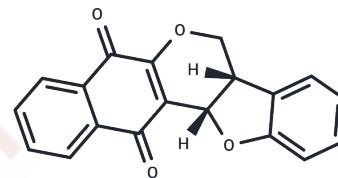
CAS No. : 1219104-20-7

Formula: C₁₉H₁₂O₄

Molecular Weight: 304.30

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	LQB-118, an orally active compound sourced from sandalwood, demonstrates multiple therapeutic capabilities. It has shown proficiency in inhibiting glioblastoma cell migration and inducing apoptosis. Additionally, LQB-118 can curtail both migration and invasion of prostate cancer cells by modulating the AKT/GSK3 β pathway and regulating MMP-9/reck gene expression. The compound is also effective against yeast polysaccharide-induced inflammation in both in vivo and in vitro settings. Notably, LQB-118 specifically triggers ROS-mediated and mitochondrial-dependent apoptosis in Leishmania amazonensis, highlighting its potential in studies focusing on inflammation, infections, and various cancers.
Targets(IC50)	Apoptosis,MMP,Reactive Oxygen Species,GSK-3

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2862 mL	16.4312 mL	32.8623 mL
5 mM	0.6572 mL	3.2862 mL	6.5725 mL
10 mM	0.3286 mL	1.6431 mL	3.2862 mL
50 mM	0.0657 mL	0.3286 mL	0.6572 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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