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Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

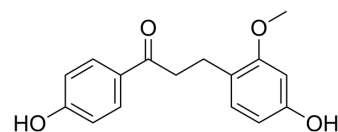
mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Loureirin C

Cat. No.:	HY-N2604
CAS No.:	116384-24-8
Molecular Formula:	C ₁₆ H ₁₆ O ₄
Molecular Weight:	272.3
Target:	Bacterial
Pathway:	Anti-infection
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 50 mg/mL (183.62 mM; Need ultrasonic)																								
	Preparing Stock Solutions	<table border="1"> <thead> <tr> <th>Solvent Concentration</th> <th>Mass</th> <th>1 mg</th> <th>5 mg</th> <th>10 mg</th> </tr> </thead> <tbody> <tr> <td>1 mM</td> <td></td> <td>3.6724 mL</td> <td>18.3621 mL</td> <td>36.7242 mL</td> </tr> <tr> <td>5 mM</td> <td></td> <td>0.7345 mL</td> <td>3.6724 mL</td> <td>7.3448 mL</td> </tr> <tr> <td>10 mM</td> <td></td> <td>0.3672 mL</td> <td>1.8362 mL</td> <td>3.6724 mL</td> </tr> </tbody> </table>	Solvent Concentration	Mass	1 mg	5 mg	10 mg	1 mM		3.6724 mL	18.3621 mL	36.7242 mL	5 mM		0.7345 mL	3.6724 mL	7.3448 mL	10 mM		0.3672 mL	1.8362 mL	3.6724 mL			
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Please refer to the solubility information to select the appropriate solvent.																									
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (9.18 mM); Clear solution																								
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (9.18 mM); Clear solution																								
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: 2.5 mg/mL (9.18 mM); Clear solution; Need ultrasonic																								

BIOLOGICAL ACTIVITY

Description	Loureirin C has anti-bacterial, anti-spasmodic, anti-inflammatory, analgesic, anti-diabetic, and anti-tumor activities ^[1] .
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REFERENCES

[1]. Su XQ, et al. Dihydrochalcones and homoisoflavanes from the red resin of *Dracaena cochinchinensis* (Chinese dragon's blood). *Fitoterapia*. 2014 Dec;99:64-71.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA