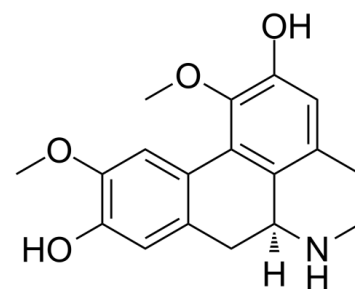


## Data Sheet

<b>Product Name:</b>	Lauro litsine (hydrochloride)
<b>Cat. No.:</b>	CS-6928
<b>Molecular Formula:</b>	C <sub>18</sub> H <sub>20</sub> ClNO <sub>4</sub>
<b>Molecular Weight:</b>	349.81
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<b>Solubility:</b>	DMSO : 83 mg/mL (237.27 mM; Need ultrasonic and warming)



H-Cl

### BIOLOGICAL ACTIVITY:

Lauro litsine hydrochloride is an alkaloid isolated from *Phoebe formosana*, and shows weak anti-inflammatory activity. **In Vitro:** Lauro litsine shows weak anti-inflammatory activity against NO production in RAW 267.4 and BV-2 cells<sup>[1]</sup>. Boldine, lauro litsine and litebamine (300 μM) remarkably inhibit the aggregation of rabbit platelets induced by arachidonic acid (100 μM) and collagen (10 μM/mL), and slightly inhibit that induced by ADP (20 μM)<sup>[2]</sup>.

### References:

- [1]. Zhang SY, et al. [Alkaloids from roots and stems of *Litsea cubeba*]. *Zhongguo Zhong Yao Za Zhi*. 2014 Oct;39(20):3964-8.
- [2]. Teng CM, et al. Antiplatelet effects of some aporphine and phenanthrene alkaloids in rabbits and man. *J Pharm Pharmacol*. 1997 Jul;49(7):706-11.

### CAIndexNames:

4H-Dibenzo[de,g]quinoline-2,9-diol, 5,6,6a,7-tetrahydro-1,10-dimethoxy-, (6aS)-,hydrochloride

### SMILES:

OC1=C(OC)C2=C3C(CCN[C@@]3([H])CC4=CC(O)=C(OC)C=C24)=C1.[H]Cl

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

Tel: 732-484-9848 Fax: 888-484-5008 E-mail: sales@ChemScene.com

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