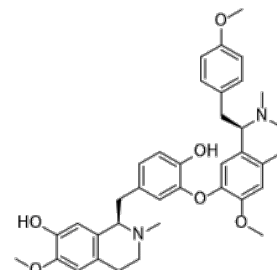


Product Name : Isoliensinine
Cat. No. : PC-27915
CAS No. : 6817-41-0
Molecular Formula : C₃₇H₄₂N₂O₆
Molecular Weight : 610.75
Target : NF-κB
Solubility : 10 mM in DMSO



Biological Activity

Isoliensinine is a bisbenzylisoquinoline alkaloid extracted from *Nelumbo nucifera* Gaertn., triggers HCC cell apoptosis via inducing p65 dephosphorylation at Ser536 and inhibition of NF-κB.

Isoliensinine promotes p65/PP2A interaction in vitro and in vivo.

Isoliensinine directly impairs PP2A/I2PP2A interaction.

Isoliensinine induces apoptosis in triple-negative human breast cancer cells through ROS generation and p38 MAPK/JNK activation.

Isoliensinine ameliorates postoperative neurocognitive disorder in aged mice by restoring hippocampal IGF-1 receptor signaling and suppressing oxidative stress and neuroinflammation.

References

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Caution: Product has not been fully validated for medical applications. Lab Use Only!

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