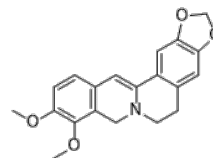


Product Name : Dihydroberberine
Cat. No. : PC-27255
CAS No. : 483-15-8
Molecular Formula : C₂₀H₁₉NO₄
Molecular Weight : 337.38
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

Dihydroberberine (dhBRR) is a berberine derivative that inhibit mitochondrial respiratory complex I, improves whole-body insulin sensitivity through increased AMPK activity, exhibits synergistic effects with sunitinib on NSCLC NCI-H460 cells by repressing MAP kinase pathways.

References

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Liu DL, et al. Chin J Integr Med. 2015 Feb;21(2):132-8.
Xu L, et al. Front Pharmacol. 2021 Apr 20;12:645879.
Dai B, et al. J Cell Mol Med. 2017 Oct;21(10):2573-2585.

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

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