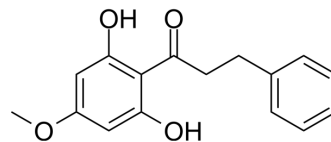


2',6'-Dihydroxy-4'-methoxydihydrochalcone

Cat. No.:	HY-N8691
CAS No.:	35241-55-5
Molecular Formula:	C ₁₆ H ₁₆ O ₄
Molecular Weight:	272.3
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

2',6'-Dihydroxy-4'-methoxydihydrochalcone is an orally active dihydrochalcone compound with antiplasmodial and anti-inflammatory activities. 2',6'-Dihydroxy-4'-methoxydihydrochalcone reduces the IL-1 β , TNF, and nitrite levels in vitro^{[1][2]}.

REFERENCES

[1]. Cerutti ML, et al. Effects of 2',6'-dihydroxy-4'-methoxydihydrochalcone on innate inflammatory response. *Naunyn Schmiedebergs Arch Pharmacol.* 2020 Nov;393(11):2061-2072.

[2]. Bénédicte Portet, et al. Activity-guided isolation of antiplasmodial dihydrochalcones and flavanones from *Piper hostmannianum* var. *berbicense*. *Phytochemistry.* 2007 May;68(9):1312-20.

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