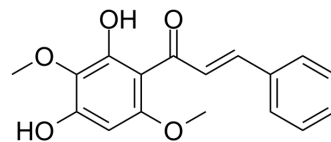


2',4'-Dihydroxy-3',6'-dimethoxychalcone

Cat. No.:	HY-N1665
CAS No.:	129724-43-2
Molecular Formula:	C ₁₇ H ₁₆ O ₅
Molecular Weight:	300.31
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

2',4'-Dihydroxy-3',6'-dimethoxychalcone is a natural product that can be isolated from *Polygonum Lapathifolium*. 2',4'-Dihydroxy-3',6'-dimethoxychalcone inhibits the growth of CCRF-CEM leukaemia cells and CEM/ADR5000 cells, with IC₅₀ values of 10.67 and 18.60 μM, respectively^{[1][2]}.

REFERENCES

- [1]. Ahmed M, et al. Isoflavan-4-ol, dihydrochalcone and chalcone derivatives from *Polygonum Lapathifolium*. *Phytochemistry*, 1990, 29(6):2009-2011.
- [2]. Nkuété AH, et al. Anti-leukemia activity of semi-synthetic phenolic derivatives from *Polygonum limbatum* Meisn. *Chem Cent J*. 2015 Jun 24;9:40.

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

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