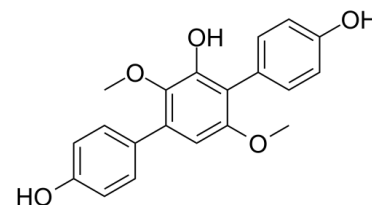


Data Sheet

Product Name:	Terphenyllin
Cat. No.:	CS-0078073
CAS No.:	52452-60-5
Molecular Formula:	C ₂₀ H ₁₈ O ₅
Molecular Weight:	338.35
Target:	Others
Pathway:	Others
Solubility:	DMSO : 83.33 mg/mL (246.28 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

Terphenyllin is a naturally abundant p-terphenyl metabolite isolated from the coral derived fungus *Aspergillus candidus*, has significant α -glucosidase inhibitory activity^[1]. IC₅₀ & Target: α -glucosidase^[1]

References:

[1]. Zhang XQ, et al. Design, semisynthesis, α -glucosidase inhibitory, cytotoxic, and antibacterial activities of p-terphenyl derivatives. *Eur J Med Chem.* 2018 Feb 25;146:232-244.

CAIndexNames:

[1,1':4',1''-Terphenyl]-2',4,4''-triol, 3',6'-dimethoxy-

SMILES:

OC1=CC=C(C=C1)C2=C(C(O)=C(C(OC)=C2)C3=CC=C(C=C3)O)OC

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

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