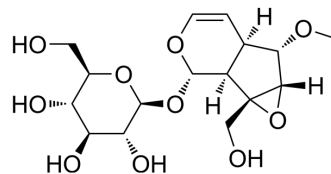


6-O-Methylcatalpol

Cat. No.:	HY-N10547
CAS No.:	1617-84-1
Molecular Formula:	C ₁₆ H ₂₄ O ₁₀
Molecular Weight:	376.36
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

6-O-Methylcatalpol can be isolated from the roots of *Scrophularia ningpoensis*. 6-O-Methylcatalpol has anti-protozoal activity against *Trypanosoma b. rhodesiense* and *Leishmania donovani* (IC₅₀: 32.5 and 8.3 μg/mL)^{[1][2]}.

REFERENCES

[1]. Niu ZR, et al. A new iridoid glycoside from *Scrophularia ningpoensis*. *Nat Prod Res.* 2009;23(13):1181-8.

[2]. Tasdemir D, et al. Anti-protozoal and plasmodial FabI enzyme inhibiting metabolites of *Scrophularia lepidota* roots. *Phytochemistry.* 2005 Feb;66(3):355-62.

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

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