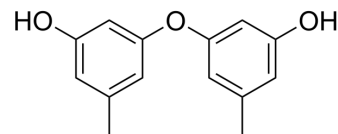


Diorcinol

Cat. No.:	HY-N12614
CAS No.:	20282-75-1
Molecular Formula:	C ₁₄ H ₁₄ O ₃
Molecular Weight:	230.26
Target:	Phosphatase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Diorcinol is a potent SHP1 inhibitor with an IC₅₀ value of 0.96 μM. Diorcinol can be isolated from *Aspergillus sydowii*. Diorcinol has good blood-brain barrier penetration and can be used for diabetes research^[1].

REFERENCES

[1]. Shi X, et al. Chemical Epigenetic Regulation Secondary Metabolites Derived from *Aspergillus sydowii* DL1045 with Inhibitory Activities for Protein Tyrosine Phosphatases. *Molecules*. 2024 Jan 31;29(3):670.

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