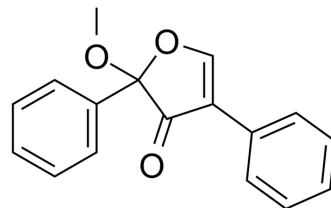


2-Methoxy-2,4-diphenylfuran-3-one

Cat. No.:	HY-W277900
CAS No.:	50632-57-0
Molecular Formula:	C ₁₇ H ₁₄ O ₃
Molecular Weight:	266.29
Target:	MMP
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

2-Methoxy-2,4-diphenylfuran-3-one is a fluorescent compound which can be used to label gelatin as a substrate for detection of the gelatin degrading MMP-2 and MMP-9 by zymography^[1].

REFERENCES

[1]. Peter Jackson. Detection of phosphoproteins. WO2006070180.

[2]. Danqing Min, et al. 2-Methoxy-2,4-diphenyl-3(2H)-furanone-labeled gelatin zymography and reverse zymography: a rapid real-time method for quantification of matrix metalloproteinases-2 and -9 and tissue inhibitors of metalloproteinases. Electrophoresis. 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