



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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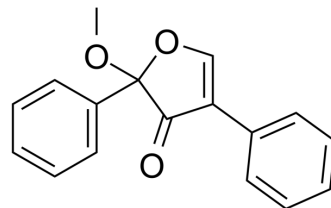
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## 2-Methoxy-2,4-diphenylfuran-3-one

Cat. No.:	HY-W277900
CAS No.:	50632-57-0
Molecular Formula:	C <sub>17</sub> H <sub>14</sub> O <sub>3</sub>
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<sup>[1]</sup>.

### 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.**

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