



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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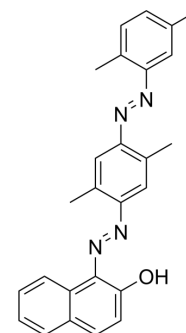
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Oil Red O

| | |
|---------------------------|--|
| Cat. No.: | HY-D1168 |
| CAS No.: | 1320-06-5 |
| Molecular Formula: | C ₂₆ H ₂₄ N ₄ O |
| Molecular Weight: | 408.49 |
| Target: | Fluorescent Dye |
| Pathway: | Others |
| Storage: | 4°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen) |



SOLVENT & SOLUBILITY

In Vitro

DMSO : 4.17 mg/mL (10.21 mM; ultrasonic and warming and heat to 80°C)

| Concentration | Mass | | |
|---------------|-----------|------------|------------|
| | 1 mg | 5 mg | 10 mg |
| 1 mM | 2.4480 mL | 12.2402 mL | 24.4804 mL |
| 5 mM | 0.4896 mL | 2.4480 mL | 4.8961 mL |
| 10 mM | 0.2448 mL | 1.2240 mL | 2.4480 mL |

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Oil Red O is a fat-soluble diazole dye, with a maximum absorption at 518 nm. Oil Red O stains neutral lipids and cholesteryl esters but not biological membranes. Oil Red O can be used for detecting and quantifying hepatic steatosis in mouse liver biopsies. Oil Red O staining efficiently helps to visualize the radical changes that occur in tissues as metabolic disease occurs and progresses^[1].

CUSTOMER VALIDATION

- J Orthop Surg Res. 2023 Jul 29;18(1):546.

See more customer validations on www.MedChemExpress.com

REFERENCES

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

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