



SZABO SCANDIC

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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

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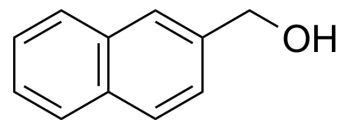
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2-Naphthalenemethanol

Cat. No.:	HY-W001953
CAS No.:	1592-38-7
Molecular Formula:	C ₁₁ H ₁₀ O
Molecular Weight:	158.2
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Powder -20°C 3 years 4°C 2 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 25 mg/mL (158.03 mM; ultrasonic and warming and heat to 60°C)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		6.3211 mL	31.6056 mL	63.2111 mL
	5 mM		1.2642 mL	6.3211 mL	12.6422 mL
	10 mM		0.6321 mL	3.1606 mL	6.3211 mL

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

BIOLOGICAL ACTIVITY

Description

2-Naphthalenemethanol is the metabolite of environmental pollutant 2-methylnaphthalene. 2-Naphthalenemethanol covalently binds to alveolar protein and induces pulmonary toxicity^[1].

REFERENCES

[1]. Li K, et al., 2-Naphthalenemethanol participates in metabolic activation of 2-methylnaphthalene. Xenobiotica. 2022 Apr;52(4):360-369.

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

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