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Produktinformation



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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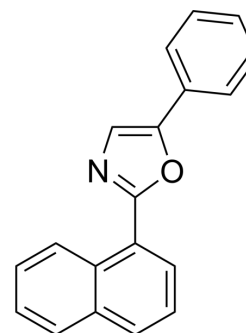
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2-(Naphthalen-1-yl)-5-phenyloxazole

Cat. No.:	HY-W040209
CAS No.:	846-63-9
Molecular Formula:	C ₁₉ H ₁₃ NO
Molecular Weight:	271.31
Target:	Fluorescent Dye
Pathway:	Others
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (184.29 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.6858 mL	18.4291 mL	36.8582 mL
	5 mM	0.7372 mL	3.6858 mL	7.3716 mL
	10 mM	0.3686 mL	1.8429 mL	3.6858 mL

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

BIOLOGICAL ACTIVITY

Description

2-(Naphthalen-1-yl)-5-phenyloxazole (α -NPO) is an organic fluorescent dye. 2-(Naphthalen-1-yl)-5-phenyloxazole has a nitrogen atom in its structure that can interfere with the nitrogen content from the amination step^[1].

REFERENCES

[1]. Seliman AF, et al. Preparation of polymer-coated, scintillating ion-exchange resins for monitoring of 99Tc in groundwater. Anal Chem. 2011 Jun 15;83(12):4759-66.

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

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