



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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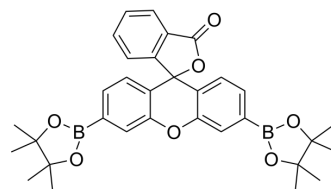
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Peroxyfluor 1

Cat. No.:	HY-D1458
CAS No.:	817170-66-4
Molecular Formula:	C ₃₂ H ₃₄ B ₂ O ₇
Molecular Weight:	552.23
Target:	Fluorescent Dye
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 14.29 mg/mL (25.88 mM; ultrasonic and warming and adjust pH to 10 with 1M NaOH)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.8108 mL	9.0542 mL	18.1084 mL
	5 mM	0.3622 mL	1.8108 mL	3.6217 mL
	10 mM	0.1811 mL	0.9054 mL	1.8108 mL

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

BIOLOGICAL ACTIVITY

Description

Peroxyfluor 1 is a cell-permeable probe for H₂O₂. Peroxyfluor 1 represents a first-generation, green-fluorescent probe^[1].

REFERENCES

[1]. Evan W Miller, et al. Boronate-based fluorescent probes for imaging cellular hydrogen peroxide. J Am Chem Soc. 2005 Nov 30;127(47):16652-9.

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

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