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Produktinformation



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Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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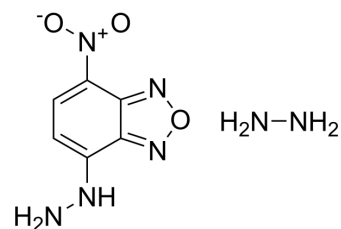
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4-Hydrazino-7-nitro-benzofurazan hydrazine adduct

Cat. No.:	HY-W273413
CAS No.:	131467-87-3
Molecular Formula:	C ₆ H ₉ N ₇ O ₃
Molecular Weight:	227.18
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 : 50 mg/mL (220.09 mM; Need ultrasonic)
H₂O : 10 mg/mL (44.02 mM; ultrasonic and warming and heat to 60°C)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	4.4018 mL	22.0090 mL	44.0180 mL
	5 mM	0.8804 mL	4.4018 mL	8.8036 mL
	10 mM	0.4402 mL	2.2009 mL	4.4018 mL

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

BIOLOGICAL ACTIVITY

Description

4-Hydrazino-7-nitro-benzofurazan hydrazine adduct is a fluorescent reagent for protein labeling.

REFERENCES

[1]. G. Gübitz, et al. Fluorogenic Labelling of Carbonylcompounds with 7-Hydrazino-4-nitrobenzo-2-oxa-1,3-diazole (NBD-H). Journal of Liquid Chromatography. 13 Dec 2006, 7(4): 839-854

[2]. Gerlach, J., et al. 2-D solid-state assay platform: a tool for screening aldehyde-releasing enzyme activity in colonies. Microchim Acta 156, 209-218 (2006).

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

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