



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

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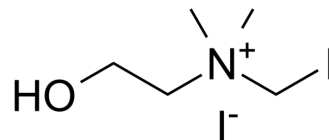
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Iodocholine iodide

Cat. No.:	HY-W130177
CAS No.:	28508-22-7
Molecular Formula:	C ₅ H ₁₃ I ₂ NO
Molecular Weight:	356.97
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (280.14 mM; Need ultrasonic)
H₂O : 50 mg/mL (140.07 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		2.8014 mL	14.0068 mL	28.0136 mL
	5 mM		0.5603 mL	2.8014 mL	5.6027 mL
	10 mM		0.2801 mL	1.4007 mL	2.8014 mL

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

BIOLOGICAL ACTIVITY

Description

Iodocholine iodide is a non-toxic, metabolizable "green" catalyst that can catalyze the free radical polymerization of functional polymers. Iodocholine iodide is also the non-radioactive iodide of Carbon-11 choline. C-11 Choline can be used in PET imaging and non-informative bone scintigraphy, CT or MRI to monitor various types of cancer^{[1][2]}.

REFERENCES

- [1]. Carbon-11 choline. Radiopharmaceuticals.
- [2]. Wang CG, et al. Biocompatible Choline Iodide Catalysts for Green Living Radical Polymerization of Functional Polymers. ACS Macro Lett. 2018 Feb 20;7(2):263-268.

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

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