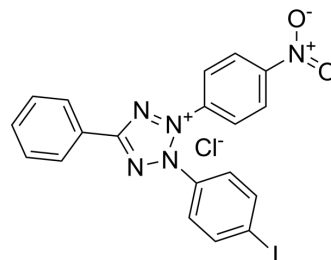


INT

Cat. No.:	HY-15920
CAS No.:	146-68-9
Molecular Formula:	C ₁₉ H ₁₃ ClIN ₅ O ₂
Molecular Weight:	505.7
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 83.33 mg/mL (164.78 mM; Need ultrasonic)
H₂O : < 0.1 mg/mL (ultrasonic;warming;heat to 60°C) (insoluble)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	1.9775 mL	9.8873 mL	19.7746 mL
	5 mM	0.3955 mL	1.9775 mL	3.9549 mL
	10 mM	0.1977 mL	0.9887 mL	1.9775 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.08 mg/mL (4.11 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.08 mg/mL (4.11 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

INT(Iodonitrotetrazolium chloride) is used in various dehydrogenase colorimetric analysis of the electron acceptor.

CUSTOMER VALIDATION

- Biosens Bioelectron. 2023 Dec 12, 115921.
- ACS Appl Mater Interfaces. 2022 Aug 10.

See more customer validations on www.MedChemExpress.com

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

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