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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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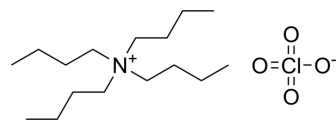
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Tetrabutylammonium perchlorate

Cat. No.:	HY-W127680
CAS No.:	1923-70-2
Molecular Formula:	C ₁₆ H ₃₆ ClNO ₄
Molecular Weight:	341.91
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 : 100 mg/mL (292.47 mM; Need ultrasonic)				
	Preparing Stock Solutions	Solvent Concentration Mass	1 mg	5 mg	10 mg
		1 mM	2.9247 mL	14.6237 mL	29.2475 mL
		5 mM	0.5849 mL	2.9247 mL	5.8495 mL
		10 mM	0.2925 mL	1.4624 mL	2.9247 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (7.31 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (7.31 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (7.31 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Tetrabutylammonium perchlorate is an organic compound containing ammonium ions and perchlorate ions. It is commonly used as an electrolyte in electrochemistry and as a source of perchlorate anion in analytical chemistry. Tetrabutylammonium perchlorate has a variety of applications in the production of batteries, fuel cells and electronic components due to its high ionic conductivity and stability under extreme conditions. In addition, it can be used as a reference standard in analytical methods such as ion chromatography.
In Vitro	Tetrabutylammonium Perchlorate is a biochemical reagent that can be used as a biological material or organic compound for life science related research. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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

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