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Produktinformation



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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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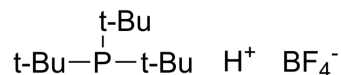
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Tri-tert-butylphosphine tetrafluoroborate

Cat. No.:	HY-34451
CAS No.:	131274-22-1
Molecular Formula:	C ₁₂ H ₂₇ P.BF ₄ .H
Molecular Weight:	290.13
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (344.67 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		3.4467 mL	17.2337 mL	34.4673 mL
		5 mM		0.6893 mL	3.4467 mL	6.8935 mL
		10 mM		0.3447 mL	1.7234 mL	3.4467 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 (8.62 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (8.62 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (8.62 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Tri-tert-butylphosphine tetrafluoroborate is a biochemical reagent that can be used as a biological material or organic compound for life science related research.
In Vitro	Tri-tert-butylphosphonium tetrafluoroborate is a ligand used in the palladium-catalyzed enantioselective alfa-arylation of N-boc-pyrrolidine. It is also used with a palladium(0)-15-membered, triolefinic, macrocycle in Suzuki cross-coupling reactions of aryl bromides and chlorides. Further, it is used in the Heck coupling of vinyl tosylates with olefins. 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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