Tetrabutylammonium tetrafluoroborate

Cat. No.: HY-34717

CAS No.: 429-42-5

Molecular Formula: $C_{16}H_{36}BF_4N$

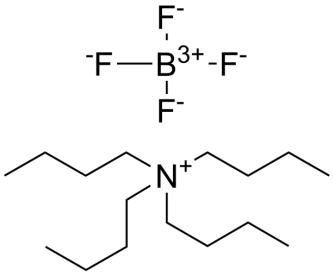
Molecular Weight: 329.27

Target: Biochemical Assay Reagents

Pathway: Others

Storage: -20°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 (303.70 mM; Need ultrasonic)

Preparing Stock Solutions	Concentration / Solvent / Mass	1 mg	5 mg	10 mg
	1 mM	3.0370 mL	15.1851 mL	30.3702 mL
	5 mM	0.6074 mL	3.0370 mL	6.0740 mL
	10 mM	0.3037 mL	1.5185 mL	3.0370 mL

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

BIOLOGICAL ACTIVITY

Description

Tetrabutylammonium tetrafluoroborate is an inorganic salt commonly used in organic synthesis reactions and electrochemical applications. It is usually used as a catalyst or reagent, and is widely used in the field of organic synthesis, such as fluorination reaction, olefin addition and cyclization reaction, etc. In addition, it can also be used in electrochemical deposition and electroplating, and plays an important role in some electronic devices. Although it has no direct application in the medical field, it plays an important role in chemical research and industrial production.

In Vitro

Tetrabutylammonium fluoborate 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.

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