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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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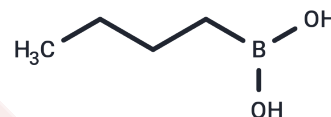
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Butylboronicacid

Chemical Properties

CAS No. :	4426-47-5
Formula:	C ₄ H ₁₁ BO ₂
Molecular Weight:	101.94
Appearance:	no data available
Storage:	store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Butylboronicacid is a competitive inhibitor of urease and acts as a monosaccharide complexing reagent.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 50 mg/mL (490.48 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	9.8097 mL	49.0485 mL	98.0969 mL
5 mM	1.9619 mL	9.8097 mL	19.6194 mL
10 mM	0.981 mL	4.9048 mL	9.8097 mL
50 mM	0.1962 mL	0.981 mL	1.9619 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Kumar S, et al. Inhibition studies of soybean (Glycine max) urease with heavy metals, sodium salts of mineral acids, boric acid, and boronic acids. J Enzyme Inhib Med Chem. 2010;25(5):646-652.

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