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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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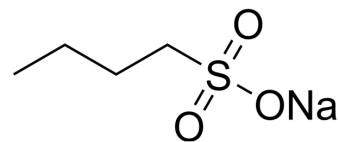
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Sodium butane-1-sulfonate

Cat. No.:	HY-W017224
CAS No.:	2386-54-1
Molecular Formula:	C ₄ H ₉ NaO ₃ S
Molecular Weight:	160.17
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

H₂O : 175 mg/mL (1092.59 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		6.2434 mL	31.2168 mL	62.4337 mL
	5 mM		1.2487 mL	6.2434 mL	12.4867 mL
	10 mM		0.6243 mL	3.1217 mL	6.2434 mL

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

BIOLOGICAL ACTIVITY

Description

Sodium butane-1-sulfonate (Sodium 1-butanefulfonate) can be used as a mobile phase to separate arsenic or selenium compounds^[1].

REFERENCES

- [1]. Antonín Kaňa, et al. Simultaneous determination of oxo- and thio-arsenic species using HPLC-ICP-MS. Journal of Food Composition and Analysis 92 (2020) 103.
- [2]. Zheng, J., et al. Retention study of inorganic and organic selenium compounds on a silica-based reversed phase column with mixed ion-pairing reagents. Chromatographia 51, 338-344 (2000).

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

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