



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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

SZABO-SCANDIC Handels GmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

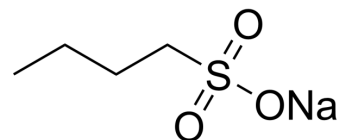
www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic)



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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA