



# 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 HandelsgmbH

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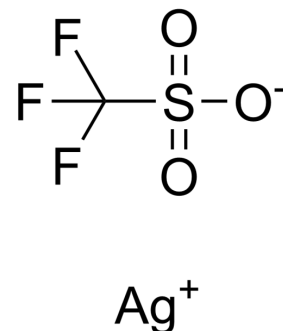
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## Trifluoromethanesulfonic acid silver

<b>Cat. No.:</b>	HY-W020983
<b>CAS No.:</b>	2923-28-6
<b>Molecular Formula:</b>	C <sub>Ag</sub> F <sub>3</sub> O <sub>3</sub> S
<b>Molecular Weight:</b>	256.94
<b>Target:</b>	Biochemical Assay Reagents
<b>Pathway:</b>	Others
<b>Storage:</b>	4°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



### SOLVENT & SOLUBILITY

#### In Vitro

H<sub>2</sub>O : 100 mg/mL (389.20 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.8920 mL	19.4598 mL	38.9196 mL
	5 mM	0.7784 mL	3.8920 mL	7.7839 mL
	10 mM	0.3892 mL	1.9460 mL	3.8920 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Silver(I) trifluoromethanesulfonate is a biochemical reagent that can be used as a biological material or organic compound for life science related research.

#### In Vitro

Silver trifluoromethanesulfonate is useful in halide abstraction. It helps in activating sulfur protecting groups at the anomeric centers of carbohydrates in the presence of iodine. It is employed as a triflating agent in combination with Palladium compounds, as a catalyst st for cross coupling reactions, and in several organic transformation reactions. Polyurethanes prepared from silver triflate exhibit high permeability and selectivity towards olefins in their separation from paraffin mixtures. Polyethylene oxide-silver triflate composites find application in humidity sensors. 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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