



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

Quellenstraße 110, A-1100 Wien

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

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

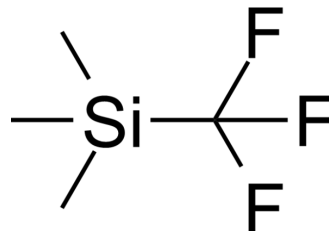
mail@szabo-scandic.com

www.szabo-scandic.com

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

(Trifluoromethyl)trimethylsilane

Cat. No.:	HY-Y0147	
CAS No.:	81290-20-2	
Molecular Formula:	C ₄ H ₉ F ₃ Si	
Molecular Weight:	142.19	
Target:	Biochemical Assay Reagents	
Pathway:	Others	
Storage:	Pure form	-20°C 3 years
	In solvent	-80°C 6 months
		-20°C 1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (703.28 mM; Need ultrasonic)			
		Solvent Concentration	Mass	
				1 mg 5 mg 10 mg
	Preparing Stock Solutions	1 mM	7.0328 mL	35.1642 mL 70.3284 mL
		5 mM	1.4066 mL	7.0328 mL 14.0657 mL
	10 mM	0.7033 mL	3.5164 mL 7.0328 mL	
Please refer to the solubility information to select the appropriate solvent.				
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (17.58 mM); Clear solution 2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (17.58 mM); Clear solution 3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (17.58 mM); Clear solution			

BIOLOGICAL ACTIVITY

Description	Trimethylsilyl(trifluoromethyl)silane is a biochemical reagent that can be used as a biological material or organic compound for life science related research.
In Vitro	(Trifluoromethyl)trimethylsilane is employed as a valuable reagent for trifluoromethylation of electrophilic substrates. It is also use an the nucleophilic addition of the trifluoromethyl group to aldehydes and ketones. It generates trifluoromethyl with catalytic amounts of F-(TBAF or CsF) and reacts with carbonyl compounds to produce trifluoromethylated alcohols. 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.

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