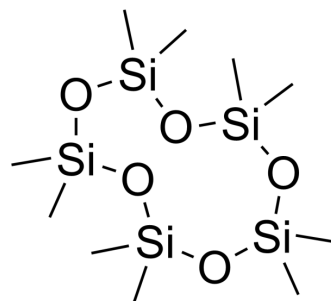


Decamethylcyclopentasiloxane

Cat. No.:	HY-W009051		
CAS No.:	541-02-6		
Molecular Formula:	C ₁₀ H ₃₀ O ₅ Si ₅		
Molecular Weight:	370.77		
Target:	Others		
Pathway:	Others		
Storage:	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

Ethanol : ≥ 74 mg/mL (199.58 mM)
 * "≥" means soluble, but saturation unknown.

	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.6971 mL	13.4854 mL	26.9709 mL
	5 mM	0.5394 mL	2.6971 mL	5.3942 mL
	10 mM	0.2697 mL	1.3485 mL	2.6971 mL

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

BIOLOGICAL ACTIVITY

Description

Decamethylcyclopentasiloxane (D5), an organosilicon compound that is used as a skin emollient in cosmetics and personal products^[1].

REFERENCES

[1]. Anne Fairbrother, et al. Characterization of ecological risks from environmental releases of decamethylcyclopentasiloxane (D5). Environ Toxicol Chem.2015 Dec;34(12):2715-22.

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