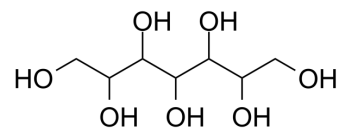


Perseitol

Cat. No.:	HY-N10374		
CAS No.:	527-06-0		
Molecular Formula:	C ₇ H ₁₆ O ₇		
Molecular Weight:	212.2		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 5 mg/mL (23.56 mM; Need ultrasonic and warming)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	4.7125 mL	23.5627 mL	47.1254 mL
	5 mM	0.9425 mL	4.7125 mL	9.4251 mL
	10 mM	0.4713 mL	2.3563 mL	4.7125 mL

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

BIOLOGICAL ACTIVITY

Description

Perseitol is a compound produced by mature avocado plants. Perseitol can be converted to D-mannoheptulose as an energy-providing compound as well as a transport carbohydrate^[1].

REFERENCES

[1]. S.Z. Tesfay, et al. D-mannoheptulose and perseitol in 'Hass' avocado: Metabolism in seed and mesocarp tissue.

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

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