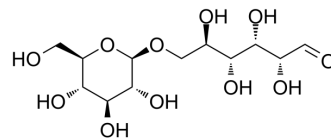


β-Gentiobiose

Cat. No.:	HY-137940
CAS No.:	554-91-6
Molecular Formula:	C ₁₂ H ₂₂ O ₁₁
Molecular Weight:	342.3
Target:	Others
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

H₂O : 33.33 mg/mL (97.37 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.9214 mL	14.6071 mL	29.2141 mL
5 mM	0.5843 mL	2.9214 mL	5.8428 mL
10 mM	0.2921 mL	1.4607 mL	2.9214 mL

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

BIOLOGICAL ACTIVITY

Description

β-Gentiobiose (Gentiobiose) is a naturally occurring oligosaccharin with a rapid turnover rate in ripening tomato fruit^[1].

REFERENCES

[1]. Jo C Dumville, et al. Gentiobiose: a novel oligosaccharin in ripening tomato fruit. *Planta*. 2003 Jan;216(3):484-95.

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

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