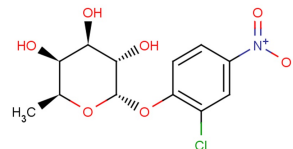


CNP-AFU

Chemical Properties

CAS No.: 157843-41-9
Formula: C₁₂H₁₄ClNO₇
Molecular Weight: 319.7
Appearance: N/A
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	CNP-AFU (2-Chloro-4-nitrophenyl α -L-fucopyranoside) is a substrate of alpha-L-fucosidase.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	DMSO: 41 mg/mL (128.25 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.128 mL	15.64 mL	31.279 mL
5 mM	0.626 mL	3.128 mL	6.256 mL
10 mM	0.313 mL	1.564 mL	3.128 mL
50 mM	0.063 mL	0.313 mL	0.626 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Gu G, et al.Synthesis of 2-chloro-4-nitrophenyl alpha-L-fucopyranoside: a substrate for alpha-L-fucosidase (AFU). Carbohydr Res. 2003 Jul 22;338(15):1603-7.

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