Web: www.taiclone.com
Tel: +886-2-2735-9682
Email: order@taiclone.com

Sucrose

Catalog No: tcsc0013810

Available Sizes

Size: 100mg

Specifications

CAS No:
57-50-1

Formula:
$C_{12}H_{22}O_{11}$

Pathway:
Others

Target:
Others

Purity / Grade:
>98%

Solubility:
H2O : 100 mg/mL (292.14 mM; Need ultrasonic and warming)

Alternative Names:
D-(+)-Saccharose

Observed Molecular Weight:
342.3

Product Description

Sucrose is a disaccharide which is composed of two monosaccharides, glucose and fructose.

In Vivo: Sucrose is a disaccharide which is composed of two monosaccharides, glucose and fructose. Compare to chow-feeding, high-energy (HE)-feeding results in an overall decreased preference for Sucrose solutions in both strains. Specifically, obesity-prone (OP) rats prefer 0.3 M and 1.0 M Sucrose solutions less during HE-feeding relative to chow-feeding (P=0.046 and P=0.012,

respectively). As well, obesity-resistant (OR) rats exhibit decreased preferences for 0.01 M, 0.03 M, and 1.0 M Sucrose when HE-fed compare to chow-fed counterparts (P[1].