

D- (+) -Melezitose

Catalog No: tcsc6328



Available Sizes

Size: 100mg



Specifications

CAS No:

597-12-6

Formula:

$C_{18}H_{32}O_{16}$

Pathway:

Others

Target:

Others

Purity / Grade:

>98%

Solubility:

H₂O : ≥ 31 mg/mL (61.45 mM)

Alternative Names:

(+)-Melezitose;D-Melezitose

Observed Molecular Weight:

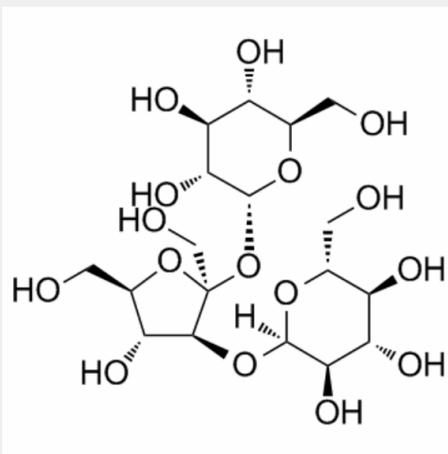
504.44

Product Description

D-(+)-Melezitose can be used to identify clinical isolates of indole-positive and indole-negative *Klebsiella* spp.

In Vitro: A total of 102 (84%) of the 122 isolates are negative for indole production, unable to assimilate histamine and d-melezitose or to grow at 10°C. All of these 102 isolates are identified as possible *K. pneumoniae*/*K. variicola*. Finally, one isolate (1%) is positive for indole production, histamine assimilation, and growth at 10°C and negative for ornithine and d-melezitose. This isolate is

identified as possible *R. planticola*^[1].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!