

Product Name	: L-quebrachitol
Synonyms	: —
Cat No.	: M20479
CAS Number	: 642-38-6
Molecular Formula	: C ₇ H ₁₄ O ₆
Formula Weight	: 194.18
Chemical Name	: (1R2S3S4S5R6R)-6-methoxycyclohexane-12345-pentaol
Description	: L-quebrachitol is a natural product.L-quebrachitol may promote osteoblastogenesis by triggering the BMP-2-response as well as the Runx2 MAPK and Wnt/ β -catenin signaling pathway.
Pathway	: Wnt/Notch/Hedgehog
Target	: Wnt/beta/catenin
Receptor	: Wnt
Solubility	: —
SMILES	: CO[C@H]1[C@H](O)[C@@H](O)[C@H](O)[C@H](O)[C@H]1O
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Yodthong T Kedjarune-Leggat U Smythe Cet al.I-Quebrachitol Promotes the Proliferation Differentiation and Mineralization of MC3T3-E1 Cells: Involvement of the BMP-2/Runx2/MAPK/Wnt/ β -Catenin Signaling Pathway[J].Molecules. 2018 Nov 26;23(12). pii: E3086.