

Product Name	: MALTOTETRAOSE
Synonyms	: Amylotetraose;Fujioligo 450;α-14-Tetraglucose
Cat No.	: M20436
CAS Number	: 34612-38-9
Molecular Formula	: C ₂₄ H ₄₂ O ₂₁
Formula Weight	: 666.58
Chemical Name	: —
Description	: MALTOTETRAOSE are potent inhibitors of TNF-α-induced intercellular adhesion molecule-1 (ICAM-1) expression maltotetraose may be beneficial in the suppression of early atherosclerosis development.
Pathway	: Apoptosis
Target	: TNF
Receptor	: TNF-α
Solubility	: —
SMILES	: <chem>OC[C@H]1O[C@H](O[C@@H]2[C@@H](CO)O[C@H](O[C@@H]3[C@@H](CO)O[C@H](O[C@@H]4[C@@H](CO)OC(O)[C@H](O)[C@H]4O)[C@H](O)[C@H]3O)[C@H](O)[C@H]2O)[C@H](O)[C@@H](O)[C@@H]1O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Shin S Y Jung J Y Yong Y et al. Inhibition of PDGF-induced migration and TNFα-induced ICAM-1 expression by maltotetraose from bamboo stem extract (BSE) in mouse vascular smooth muscle cells[J]. Molecular Nutrition & Food Research 2016 60(9):2086-2097.