

Product Name	: Manghaslin
Synonyms	: Quercetin 3-O-rutinoside-(1->2)-O-rhamnoside
Cat No.	: M24544
CAS Number	: 55696-57-6
Molecular Formula	: C ₃₃ H ₄₀ O ₂₀
Formula Weight	: 756.7
Chemical Name	: —
Description	: Manghaslin has considerable α -glucosidase inhibitory activity, illustrating the anti-diabetic potential of phenolic-rich litchi pulp extracts. Manghaslin also shows inhibitory activity against AChE
Pathway	: Cytoskeleton/Cell Adhesion Molecules
Target	: Glucokinase
Receptor	: α -glucosidase; AChE
Solubility	: —
SMILES	: <chem>O[C@@H]1([C@@H]([C@H]([C@H]1O)O)O)[C@H]1OC[C@H]([C@H]([C@@H]([C@H]1O[C@@H]([C@@H]([C@@H]2O)O)[C@@H](C)[C@@H]2O)O)O)[C@H]1OC1=C(c(cc2)cc(O)c2O)Oc(cc(cc2O)O)c2C1=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Comprehensive structural characterization of phenolics in litchi pulp using tandem mass spectral molecular networking.Food Chem. 2019 Jun 1;282:9-17.