

Product Name	: Kaempferol 3-gentiobioside
Synonyms	: —
Cat No.	: M21493
CAS Number	: 22149-35-5
Molecular Formula	: C ₂₇ H ₃₀ O ₁₆
Formula Weight	: 610.5
Chemical Name	: —
Description	: Kaempferol 3-O-gentiobioside is a flavonoid isolated from <i>C. alata</i> leaves with antidiabetic activity. It possesses activity against α -glucosidase and displays a carbohydrate enzyme inhibitory effect (IC ₅₀ : 50 μ M).
Pathway	: Cytoskeleton/Cell Adhesion Molecules
Target	: Glucokinase
Receptor	: α -glucosidase
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)O)O)[C@H]1OC1=C(c(cc2)ccc2O)Oc(cc(cc2O)O)c2C1=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Varghese GK et al. Antidiabetic components of *Cassia alata* leaves: identification through α -glucosidase inhibition studies. *Pharm Biol.* 2013 Mar;51(3):345-9.