

Product Name	: Quercimeritrin
Synonyms	: Quercetin-7-O-beta-D-glucopyranoside
Cat No.	: M24446
CAS Number	: 491-50-9
Molecular Formula	: C ₂₁ H ₂₀ O ₁₂
Formula Weight	: 464.4
Chemical Name	: —
Description	: Quercimeritrin has antibacterial activity, it shows promising activity against Staphylococcus aureus.
Pathway	: Microbiology/Virology
Target	: Antifection
Receptor	: Anti-infection; COX; NO Synthase
Solubility	: DMSO: 10 mM
SMILES	: <chem>C1=CC(=C(C=C1C2=C(C(=O)C3=C(C=C(C=C3O2)O[C@H]4[C@@H]([C@H]([C@@H]([C@H]([C@H](O4)CO)O)O)O)O)O)O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Phenolic compounds in leaves of Alchomea triplinervia: anatomical localization, mutagenicity, and antibacterial activity. Nat Prod Commun. 2010 Aug;5(8):1225-32.