

Product Name	: 2-Hydroxy-3,4-dimethoxychalcone
Synonyms	: —
Cat No.	: M37838
CAS Number	: 19152-36-4
Molecular Formula	: C ₁₇ H ₁₆ O ₄
Formula Weight	: 284.31
Chemical Name	: —
Description	: 2'-Hydroxy-3,4-dimethoxychalcone, a chalcone compound isolated from the roots of <i>Sophora japonica</i> , has antioxidant activity and inhibited the intracellular survival of <i>Lactobacillus donovani</i> Parasite EC ₅₀ Values ranged between 0.39 and 0.41 µg/mL, which can be used in the study of diabetes, treatment of schistosomiasis, malaria and other infections.
Pathway	: Microbiology/Virology
Target	: Parasite
Receptor	: Parasite Antioxidant
Solubility	: —
SMILES	: <chem>COC1=CC=C(C=C(C(=O)C2=C(O)C=CC=C2)C=C1OC</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	: