

Product Name	: Isoliquiritigenin
Synonyms	: GU 17; ILQ; ISL
Cat No.	: M16863
CAS Number	: 961-29-5
Molecular Formula	: C ₁₅ H ₁₂ O ₄
Formula Weight	: 256.25
Chemical Name	: (E)-1-(2,4-dihydroxyphenyl)-3-(4-hydroxyphenyl)prop-2-en-1-one
Description	: Isoliquiritigenin, an anti-tumor flavonoid from the root of Glycyrrhiza glabra, inhibits aldose reductase with an IC ₅₀ of 320 nM.
Pathway	: Endocrinology/Hormones
Target	: Reductase
Receptor	: Aldose reductase
Solubility	: Ethanol: 51 mg/mL (199.02 mM); DMSO: 51 mg/mL (199.02 mM)
SMILES	: <chem>O=C(C1=CC=C(O)C=C1O)/C=C/C2=CC=C(O)C=C2</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Aida K, et al. Planta Med, 1990, 56(3), 254-258.