

Product Name	: Lucidin primeveroside
Synonyms	: Lucidin 3-O-primeveroside
Cat No.	: M29186
CAS Number	: 29706-59-0
Molecular Formula	: C ₂₆ H ₂₈ O ₁₄
Formula Weight	: 564.5
Chemical Name	: —
Description	: Lucidin primeveroside is a natural product isolated from the root powder of akane (Rubia akane) and can be used as a coloring agent and a food pigment. Lucidin primeveroside can be metabolically converted to genotoxic compound Lucidin in mice. (In Vitro): Lucidin primeveroside showed any antifeedant activity against the carpet beetle. (In Vivo): In mice, Lucidin primeveroside (0.3% in the diet) induces Lucidin-specific DNA adduct formation and increases mutation frequencies.
Pathway	: Cell Cycle/DNA Damage
Target	: Topoisomerase
Receptor	: Topoisomerase
Solubility	: —
SMILES	: <chem>OCc1c(O)c2C(=O)c3ccccc3C(=O)c2cc1O[C@@H]1O[C@H](CO[C@@H]2OC[C@@H](O)[C@H](O)[C@H]2O)[C@@H](O)[C@H](O)[C@H]1O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	: