

Product Name	: BYAKANGELICIN(b)
Synonyms	: —
Cat No.	: M20452
CAS Number	: 482-25-7
Molecular Formula	: C ₁₇ H ₁₈ O ₇
Formula Weight	: 334.32
Chemical Name	: 7H-Furo(3,2-g)(1)benzopyran-7-one 9-(2,3-dihydroxy-3-methylbutoxy)-4-methoxy- (R)-
Description	: BYAKANGELICINa main furanocoumarin constituent isolated and characterized as an aldose reductase inhibitor and is effective for the treatment of sugar cataracts and diabetic neuropathy and hence might be useful as a lead compound for the development of new type drugs for clinical use.
Pathway	: Endocrinology/Hormones
Target	: Reductase
Receptor	: Aldose reductase
Solubility	: —
SMILES	: COc1c2ccoc2c(OC[C@@H](O)C(C)O)c2oc(=O)ccc12
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Yang J Luan X Gui H et al. Byakangelicin induces cytochrome P450 3A4 expression via transactivation of pregnane X receptors in human hepatocytes[J]. British Journal of Pharmacology 2010 162(2):441-451.