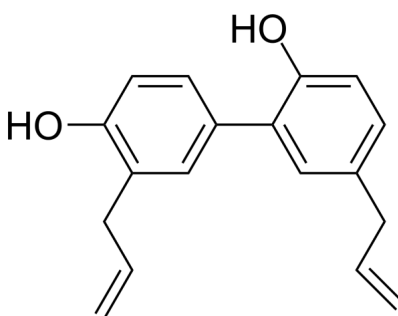


Data Sheet

Product Information

Catalog Number	BP12635
Product Name	Honokiol
Description	Honokiol is the active principle of magnolia extract. It inhibits the activation of Akt and enhances the phosphorylation of ERK1/ERK2.
Synonyms	NSC 293100
CAS No.	35354-74-6
Chemical Formula	C ₁₈ H ₁₈ O ₂
Molecular Weight	266.34
Solubility	Ethanol: 26.6 mg/mL (100 mM) DMSO: 26.6 mg/mL (100 mM)
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	 The chemical structure of Honokiol is a biphenyl compound. It consists of two benzene rings connected by a single bond. Each benzene ring has a hydroxyl group (-OH) and a propenyl group (-CH₂-CH=CH₂) attached to it. The hydroxyl group is at the 1-position and the propenyl group is at the 3-position on each ring.

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