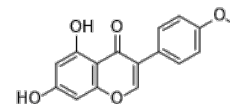


**Product Name** : Biochanin A  
**Cat. No.** : PC-24807  
**CAS No.** : 491-80-5  
**Molecular Formula** : C<sub>16</sub>H<sub>12</sub>O<sub>5</sub>  
**Molecular Weight** : 284.27  
**Target** : FAAH  
**Solubility** : 10 mM in DMSO



### Biological Activity

Biochanin A is a naturally occurring fatty acid amide hydrolase (FAAH) inhibitor, inhibits FAAH with IC<sub>50</sub>s of 1.8, 1.4 and 2.4 μM for mouse, rat, and human FAAH, respectively, possesses anti-inflammatory, estrogenic, and anticancer activities.

### References

Thors L, et al. Br J Pharmacol. 2010 Jun;160(3):549-60.

Pei-Shan Wu, et al. Int J Mol Sci. 2025 May 31;26(11):5317.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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