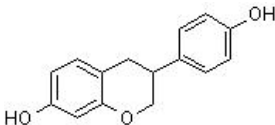


Product datasheet

Equol, Metabolite of phytoestrogen daidzein ab120390

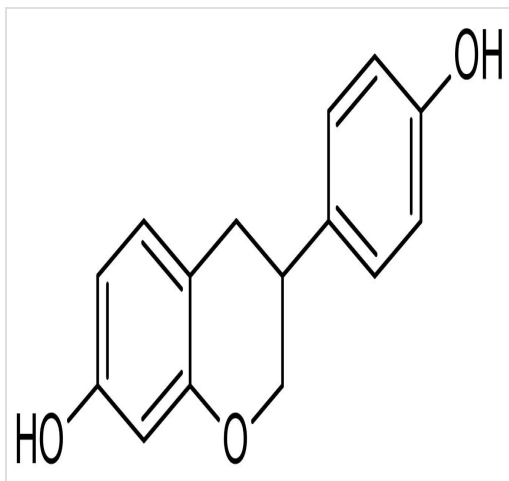
1 Image

Overview

Product name	Equol, Metabolite of phytoestrogen daidzein
Description	Metabolite of phytoestrogen daidzein
Biological description	Isoflavan metabolite produced by the reduction of daidzein (ab120391) by gut micro-organisms. Shown to have estrogenic activity in human breast cancer cells.
Purity	> 98%
CAS Number	94105-90-5
Chemical structure	

Properties

Chemical name	3,4-Dihydro-3-(4-hydroxyphenyl)-2H-chromen-7-ol
Molecular weight	242.27
Molecular formula	C ₁₅ H ₁₄ O ₃
PubChem identifier	382975
Storage instructions	Store at Room Temperature. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO to 100 mM
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	<chem>Oc1ccc(cc1)C2Cc3ccc(O)cc3OC2</chem>
Source	Synthetic



2D chemical structure image of ab120390, Equol, Metabolite of phytoestrogen daidzein

Chemical Structure - Equol, Metabolite of phytoestrogen daidzein (ab120390)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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Terms and conditions

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