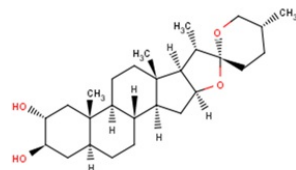


**Product Name** : Gitogenin  
**Synonyms** : AI3-62266, Digin, Gitogenin  
**Cat No.** : M18692  
**CAS Number** : 511-96-6  
**Molecular Formula** : C<sub>27</sub>H<sub>44</sub>O<sub>4</sub>  
**Formula Weight** : 432.64  
**Chemical Name** : 5α,22α-Spirostane-2α,3β-diol



**Description** : Gitogenin, tigogenin, and solasodine are novel selective inhibitors of UGT1A4, and do not inhibit the activities of major human CYP isoforms. Gitogenin and (25S)-5α-furastan-3β, 22, 26-triol are the inhibitors of enzyme α-glucosidase with IC<sub>50</sub> values of 37.2±0.18 and 33.5±0.22 μM, respectively.<sup>3</sup> Gitogenin shows moderate stimulation of release activity on growth hormone from rat pituitary cells.

**Pathway** : Others

**Target** : Other Targets

**Receptor** : UGT1A4

**Solubility** : —

**SMILES** : CC1CCC2(C(C3C(O2)CC4C3(CCC5C4CCC6C5(CC(C(O6)O)O)C)C)C)OC1

**Storage** : (-20°C)

**Stability** : ≥ 2 years

**Reference** :