

**Product Name** : Saikosaponin C

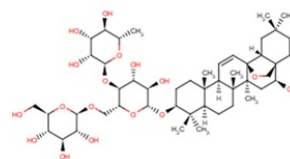
**Synonyms** : Saikosaponin C

**Cat No.** : M18225

**CAS Number** : 20736-08-7

**Molecular Formula** : C<sub>48</sub>H<sub>72</sub>O<sub>17</sub>

**Formula Weight** : 927.14



**Chemical Name** : (2S,3R,4R,5R,6S)-2-(((2R,3R,4S,5S,6R)-4,5-dihydroxy-2-((6aR,6bS,8R,12aS,14bS)-8-hydroxy-4,4,6a,6b,11,11,14b-heptamethyl-2,3,4,4a,5,6,6a,6b,7,8,10,11,12,12a,14a,14b-hexadecahydro-1H,9H-12b,8a-(epoxymethano)picen-3-yl)-6-(hydroxymethyl)-2-(((2S,3R,4S,5S,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)tetrahydro-2H-pyran-2-yl)oxy)tetrahydro-2H-pyran-3-yl)oxy)-6-methyltetrahydro-2H-pyran-3,4,5-triol

**Description** : Saikosaponin C is one of the major active constituents of dried *Radix bupleuri* root that has been widely used in China to treat a variety of conditions. Recently, saikosaponins have been reported to have properties of cell growth inhibition, inducing cancer cells differentiation and apoptosis.

**Pathway** : Others

**Target** : Other Targets

**Receptor** : Caspase-3

**Solubility** : —

**SMILES** : [C@@H]1([C@@H]([C@@H]([C@@H]([C@@H](O1)C)O)O)O)[C@@H]1[C@@H](O[C@@H]([C@@H]([C@@H]1O)O)O)[C@@H]1CC[C@]2([C@@H](C1(C)C)CC[C@]1([C@@]3[C@@H]([C@@H]([C@@H]4[C@@H]([C@]3(C=C[C@@H]21)OC5(C)C)O)C)C)CO[C@@H]1[C@@H]([C@@H]([C@@H]([C@@H]([C@@H](O1)CO)O)O)O

**Storage** : (-20°C)

**Stability** : ≥ 2 years

**Reference** :

1.Lee TH1, Chang J2, Kim BM3. 2014 Mar 14;445(3):615-21.