

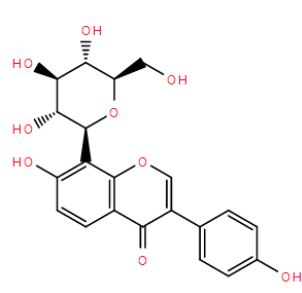
## Certificate of Analysis

Target	Inhibitors & Agonists>>Others>>Other Targets
Cat.No	DCG-008
Name	Puerarin

**Tel:** +86-21-58447131  
**Fax:** +86-21-61642470

**Email:**  
sales@dcchemicals.com  
order@dcchemicals.com

## Chemical Properties

CAS	3681-99-0
Formula	C <sub>21</sub> H <sub>20</sub> O <sub>10</sub>
MW	432.38
Storage	4°C for 1 year, -20°C for more than 2 years
Structure	 <p>The chemical structure of Puerarin is a flavonoid glycoside. It consists of a flavone core (6,7-dihydroxyflavone) with a p-coumaroyl group at the 8-position and a p-coumaroyl glycoside group at the 7-position. The glycoside group is a beta-D-glucopyranoside ring with hydroxyl groups at the 2, 3, and 6 positions. The structure is shown with stereochemistry: the hydroxyl groups on the glucose ring are in the alpha position (pointing down), and the glycosidic bond is in the beta position (pointing up).</p>
Purity	>98%, Standard References Grade

**Website:**  
www.dcchemicals.com