

Product Name	: Arctiin
Synonyms	: Arctii; NSC 315527; Arctigenin-4-glucoside
Cat No.	: M18215
CAS Number	: 20362-31-6
Molecular Formula	: C ₂₇ H ₃₄ O ₁₁
Formula Weight	: 534.55
Chemical Name	: (3R,4R)-4-[(3,4-dimethoxyphenyl)methyl]-3-[[3-methoxy-4-[(2S,3R,4S,5S,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)oxan-2-yl]oxyphenyl]methyl]oxolan-2-one
Description	Arctiin is a lignan found in many plants of the Asteraceae family, particularly the greater burdock (<i>Arctium lappa</i>) and <i>Centaurea imperialis</i> , and in <i>Trachelospermum asiaticum</i> , <i>Saussurea heteromalla</i> ., and <i>Forsythia viridissima</i> . It is the glucoside of arctigenin. Arctiin and arctigenin have shown anticancer effects.
Pathway	: Others
Target	: Other Targets
Receptor	: Others
Solubility	: DMSO : ≥ 5.4 mg/mL; 10.10 mM
SMILES	: <chem>COc1ccc(C[C@H]2COC(=O)[C@@H]2Cc2ccc(c(c2)OC)O[C@H]2[C@@H]([C@H]([C@@H]([C@@H]2CO)O)O)O)cc1OC</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Min B, et al. Nutr Res Pract. 2014 Dec;8(6):655-61.

