

Product Name	: 14-Deoxy-1112-didehydroandrographolide
Synonyms	: 14-dehydro Andrographolide;AP10
Cat No.	: M21667
CAS Number	: 42895-58-9
Molecular Formula	: C ₂₀ H ₂₇ O ₄
Formula Weight	: 332.43
Chemical Name	: —
Description	: 14-Deoxy-1112-didehydroandrographolide has hypotensive anti-inflammatory anti-asthma and anti-cancer actions. It can inhibit NF-κB activation.
Pathway	: Apoptosis
Target	: NF-κB
Receptor	: NF-κB
Solubility	: DMF: 100 mg/mL (300.82 mM; Need ultrasonic)
SMILES	: <chem>O=C1OCC=C1/C=C/[C@@H]2C(C[C@]3([H])[C@](C)(CO)[C@](O)CC[C@@]23C)=C</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Guan SP et al. Protective role of 14-deoxy-1112-didehydroandrographolide a noncytotoxic analogue of andrographolide in allergic airway inflammation. J Nat Prod. 2011 Jun 24; 74(6):1484-90.