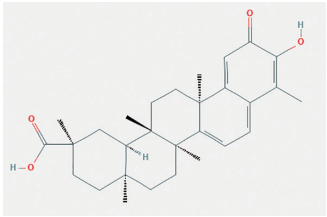
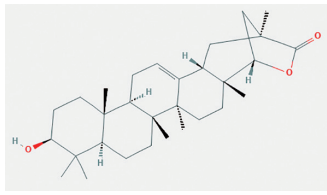
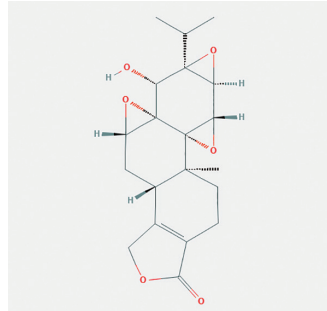
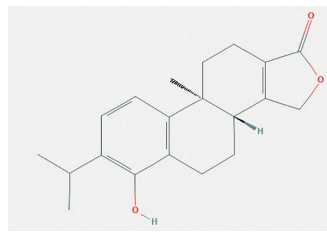
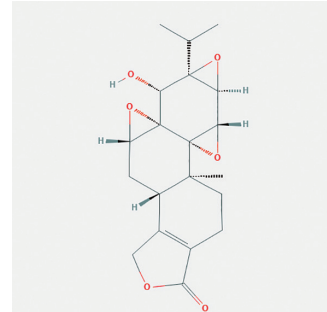
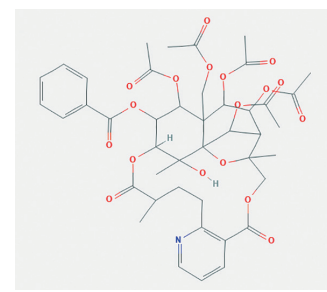


**Figure S1** Funnel plot on the safety and efficacy of Tripterygium glycosides for Sjögren’s syndrome. TG, Tripterygium glycosides; HM, herbal medicine; TGP, total glucosides of paeony.

	TG+HM		TG		TG+TGP		TG		HCQ		TG		HCQ		
Gastrointestinal symptom	2	1	4	2	3	6	2	3	0	0	0	0	0	0	Intestinal toxicity
Menstrual disorder	1	3	0	0	0	0	0	0	1	0	1	0	0	0	Reproductive toxicity
Abnormal liver function	2	2	0	0	0	0	0	0	2	1	2	0	0	0	Hepatotoxicity
Cardiovascular	0	0	0	0	1	6	0	0	0	0	0	0	0	0	Circulatory toxicity
Abnormal blood function	0	0	0	0	0	0	0	0	2	1	0	0	0	0	Hematotoxicity
Ocular form	0	0	0	0	0	0	0	0	0	1	0	0	0	0	Other damage
Summary	5	6	4	2	4	12	2	3	5	3	3	0	0	0	
	Lan 2019		Wang 2017		Zhao 2019		Su 2019		Ma 2012		Guo 2012				

**Figure S2** Mapping of specific adverse events between Tripterygium glycosides and control groups. TG, Tripterygium glycosides; HM, herbal medicine; TGP, total glucosides of paeony; HCQ, hydroxychloroquine.

**Table S1** Molecular structure of main chemical constituents of *Tripterygium* glycosides

Name	Molecular formula	Structure
Celastrol	$C_{29}H_{38}O_4$	 <p>The structure of Celastrol is a complex polycyclic diterpene. It features a decalin core with a decalin ring fused to a cyclohexane ring, which is further fused to a decalin system. A decalin ring is also fused to a cyclohexane ring, which is fused to a decalin system. The structure includes several methyl groups and a carboxylic acid group.</p>
Wilforlide A	$C_{30}H_{46}O_3$	 <p>The structure of Wilforlide A is a complex polycyclic diterpene. It features a decalin core with a decalin ring fused to a cyclohexane ring, which is further fused to a decalin system. A decalin ring is also fused to a cyclohexane ring, which is fused to a decalin system. The structure includes several methyl groups and a carboxylic acid group.</p>
Triptolide	$C_{20}H_{22}O_6$	 <p>The structure of Triptolide is a complex polycyclic diterpene. It features a decalin core with a decalin ring fused to a cyclohexane ring, which is further fused to a decalin system. A decalin ring is also fused to a cyclohexane ring, which is fused to a decalin system. The structure includes several methyl groups and a carboxylic acid group.</p>
Triptophenolide	$C_{20}H_{24}O_3$	 <p>The structure of Triptophenolide is a complex polycyclic diterpene. It features a decalin core with a decalin ring fused to a cyclohexane ring, which is further fused to a decalin system. A decalin ring is also fused to a cyclohexane ring, which is fused to a decalin system. The structure includes several methyl groups and a carboxylic acid group.</p>
Triptolide	$C_{20}H_{24}O_6$	 <p>The structure of Triptolide is a complex polycyclic diterpene. It features a decalin core with a decalin ring fused to a cyclohexane ring, which is further fused to a decalin system. A decalin ring is also fused to a cyclohexane ring, which is fused to a decalin system. The structure includes several methyl groups and a carboxylic acid group.</p>
Wilforine	$C_{43}H_{49}NO_{18}$	 <p>The structure of Wilforine is a complex polycyclic diterpene. It features a decalin core with a decalin ring fused to a cyclohexane ring, which is further fused to a decalin system. A decalin ring is also fused to a cyclohexane ring, which is fused to a decalin system. The structure includes several methyl groups and a carboxylic acid group.</p>

**Table S2** Search strategy

Database	Search strategy of electronic database in sequence
PubMed	<ol style="list-style-type: none"><li>1. <i>Tripterygium</i> [Mesh]</li><li>2. <i>Tripterygium</i> glycoside [Title/Abstract]</li><li>3. Radix tripterygium [Title/Abstract]</li><li>4. TG [Title/Abstract]</li><li>5. 1 or 2 or 3 or 4</li><li>6. Sjögren's Syndrome [Mesh]</li><li>7. Sjogren's Syndrome [Title/Abstract]</li><li>8. Sicca [Title/Abstract]</li><li>9. SS [Title/Abstract]</li><li>10. 6 or 7 or 8 or 9 or 10</li><li>11. 5 and 10</li></ol>
Embase	<ol style="list-style-type: none"><li>1. <i>Tripterygium</i>'/exp</li><li>2. <i>Tripterygium</i> glycoside'</li><li>3. Radix tripterygium'</li><li>4. TG'</li><li>5. 1 or 2 or 3 or 4</li><li>6. Sjögren's Syndrome'/exp</li><li>7. Sjogren's Syndrome'</li><li>8. Sicca'</li><li>9. SS'</li><li>10. 6 or 7 or 8 or 9 or 10</li><li>11. 5 and 10</li></ol>
Cochrane Central Register of Controlled Trials	<ol style="list-style-type: none"><li>1. MeSH descriptor: [Tripterygium] explode all trees</li><li>2. <i>Tripterygium</i> glycoside:ti,ab,kw</li><li>3. Radix tripterygium:ti,ab,kw</li><li>4. TG:ti,ab,kw</li><li>5. 1 or 2 or 3 or 4 or 5</li><li>6. MeSH descriptor: [Sjögren's Syndrome] explode all trees</li><li>7. Sjogren's Syndrom:ti,ab,kw</li><li>8. Sicca:ti,ab,kw</li><li>9. SS:ti,ab,kw</li><li>10. 6 or 7 or 8 or 9</li><li>11. 5 and 10</li></ol>
CNKI & CQVIP & Wanfang & CBM	<ol style="list-style-type: none"><li>1. 雷公藤 :ti,ab,kw</li><li>2. 雷公藤多甙 :ti,ab,kw</li><li>3. 雷公藤多苷 :ti,ab,kw</li><li>4. 1 or 2 or 3</li><li>5. 干燥综合征 :ti,ab,kw</li><li>6. 4 and 5</li></ol>

**Table S3** Participants, intervention, comparison, outcome, and study design criteria (PICOS) for inclusion and exclusion of studies

Items	Descriptions
Participants	Patients diagnosed with Sjögren's syndrome
Intervention	Tripterygium glycosides alone or combined therapies
Comparison	Control groups of conventional therapies
Outcomes	Efficacy rate, symptom scores, serum index, physical index, adverse events
Study design	Randomized controlled trials