

## Product Information

### Triptonide

**Cat. No.:** X23-04-XQ511

**Size:** 20 mg; 50 mg; 100 mg; 200 mg

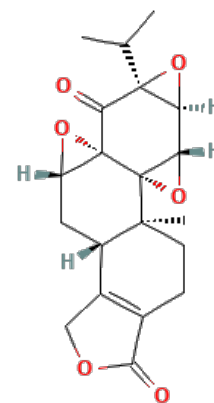
**MDL:** MFCD00210566

**CAS Number:** 38647-11-9

**Compound CID:** 65411

**Synonym:** 38647-11-9; Triptonide; (-)-Triptonide

**This product is for research use only and is not intended for diagnostic use.**



### Product Information

<b>Description</b>	Triptonide can effectively inhibit canonical Wnt/ $\beta$ -catenin signaling by targeting the downstream C-terminal transcription domain of $\beta$ -catenin or a nuclear component associated with $\beta$ -catenin.
<b>Molecular Formula</b>	$C_{20}H_{22}O_6$
<b>IUPAC Name</b>	(1S,2S,4S,5S,7S,9S,11S,13S)-1-Methyl-7-propan-2-yl-3,6,10,16-tetraoxaheptacyclo[11.7.0.0.2,4.0.2,9.0.5,7.0.9,11.0.14,18]icos-14(18)-ene-8,17-dione
<b>InChI</b>	InChI=1S/C20H22O6/c1-8(2)18-13(25-18)14-20(26-14)17(3)5-4-9-10(7-23-15(9)21)11(17)6-12-19(20,24-12)16(18)22/h8,11-14H,4-7H2,1-3H3/t11-,12-,13-,14-,17-,18-,19+,20+/m0/s1
<b>InChI Key</b>	SWOVVKGLGOOUKI-ZHGGVEMFSA-N
<b>Canonical SMILES</b>	<chem>CC(C)C12C(O1)C3C4(O3)C5(CCC6=C(C5CC7C4(C2=O)O7)COC6=O)C</chem>
<b>Isomeric SMILES</b>	<chem>CC(C)[C@@]12[C@@H](O1)[C@H]3[C@@]4(O3)[C@]5(CCC6=C([C@@H]5C[C@H]7[C@]4(C2=O)O7)COC6=O)C</chem>
<b>Source</b>	The root of the traditional Chinese medicine <i>Tripterygium wilfordii</i>
<b>Form</b>	Colorless
<b>Purity</b>	>98%, determined by HPLC.
<b>Identity</b>	Confirmed by NMR and MS.
<b>Stability</b>	The product is stable for two years when stored at the recommended temperature.
<b>Melting Point</b>	252-253°C
<b>Applications</b>	Triptonide can be used for antineoplastic, anti-inflammatory, and immunosuppressive activity experiments, etc.



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**Storage**

Store at 4°C. Protect from light.

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**Safety Information**

**Personal Protective**

Gloves, eyeshields, N95 mask

**Equipment**

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