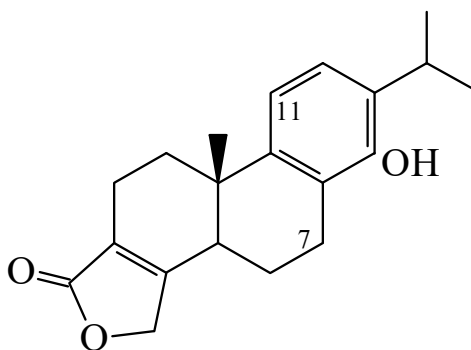




>>Entry Name: **Triptophenolide**

Synonym(s): Hypolide



CAS Registry Number: 74285-86-2

Molecular Formula: $C_{20}H_{24}O_3$

Molecular Weight: 312.408

Accurate Mass: 312.172545

Percentage Composition: C 76.89%; H 7.74%; O 15.36%

Biological Source: Constit. of *Tripterygium hypoglaucum* and *Tripterygium wilfordii*

Physical Description: Cryst.

Melting Point: Mp 232-233°

>>Derivative: Me ether

Synonym(s): **Triptophenolide methyl ether**

Molecular Formula: $C_{21}H_{26}O_3$

Molecular Weight: 326.435

Accurate Mass: 326.188195

Percentage Composition: C 77.27%; H 8.03%; O 14.70%

Biological Source: Constit. of *Tripterygium wilfordii*

Physical Description: Cryst.

Melting Point: Mp 152-154°

>>Derivative: 11-Hydroxy, Me ether

Synonym(s): **Neotriptophenolide**

CAS Registry Number: 81827-74-9

Molecular Formula: $C_{21}H_{26}O_4$

Molecular Weight: 342.434

Accurate Mass: 342.18311

Percentage Composition: C 73.66%; H 7.65%; O 18.69%

Biological Source: Isol. from *Tripterygium wilfordii*

Physical Description: Cryst.

Melting Point: Mp 189-191°

>>Derivative: 7-Oxo

Synonym(s): **Triptonolide**

CAS Registry Number: 79548-61-1

Molecular Formula: $C_{20}H_{22}O_4$

Molecular Weight: 326.391

Accurate Mass: 326.15181

Percentage Composition: C 73.60%; H 6.79%; O 19.61%

Biological Source: Isol. from *Tripterygium wilfordii*

Physical Description: Cryst.

Melting Point: Mp 214-215°