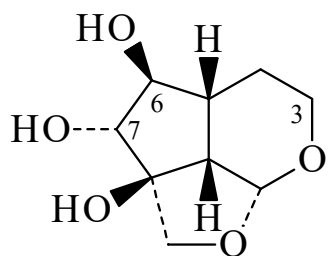




>>Entry Name: Rehmaglutin A



Absolute
configuration

CAS Registry Number: 103744-82-7

Molecular Formula: $C_9H_{14}O_5$

Molecular Weight: 202.207

Accurate Mass: 202.084125

Percentage Composition: C 53.46%; H 6.98%; O 39.56%

Biological Source: Constit. of dried root of *Rehmannia glutinosa* (Rehmanniae Radix)

Physical Description: Cryst.

Melting Point: Mp 134-136°

Optical Rotation: $[\alpha]_D^{19} +43.6$ (MeOH)

>>Derivative: 3 β -Methoxy

Synonym(s): Jioglutin C

CAS Registry Number: 124902-17-6

Molecular Formula: $C_{10}H_{16}O_6$

Molecular Weight: 232.233

Accurate Mass: 232.09469

Percentage Composition: C 51.72%; H 6.94%; O 41.34%

Biological Source: Constit. of *Rehmannia glutinosa*

Physical Description: Amorph. powder

Optical Rotation: $[\alpha]_D +58.1$ (c, 0.89 in MeOH)

>>Derivative: 7-Deoxy, 7 α -chloro

Synonym(s): Rehmaglutin D

CAS Registry Number: 103744-84-9

Molecular Formula: $C_9H_{13}ClO_4$

Molecular Weight: 220.652

Accurate Mass: 220.050237

Percentage Composition: C 48.99%; H 5.94%; Cl 16.07%; O 29.00%

Biological Source: Constit. of *Rehmannia glutinosa*

Physical Description: Cryst.

Melting Point: Mp 132-133°

Optical Rotation: $[\alpha]_D^{19} +60.6$ (MeOH)

>>Derivative: 7-Deoxy, 7 α -chloro, 3 β -hydroxy

Synonym(s): Rehmaglutin B

CAS Registry Number: 103744-83-8

Molecular Formula: $C_9H_{13}ClO_5$

Molecular Weight: 236.651

Accurate Mass: 236.045152

Percentage Composition: C 45.68%; H 5.54%; Cl 14.98%; O 33.80%

Biological Source: Constit. of *Rehmannia glutinosa*

Melting Point: Mp 152-153°

Optical Rotation: $[\alpha]_D^{19} +33.8$ (MeOH)